

## **A techno-economic simulation model to reveal the relevance of construction process impact factors for External Thermal Insulation Composite System (ETICS)**

**Sulakatko, Virgo** World Academy of Science, Engineering and Technology. International journal of architectural and environmental engineering 2017 / [1] p <http://dai.waset.org/1307-6892/64692>

## **Aafrika tudengid soovivad ühiskonda rohkem panustada**

Mente et Manu 2017 / lk. 9 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820632\\*est](https://artiklid.elnet.ee/record=b2820632*est)

## **Aasta mereharija 2017**

Meremees. Veeteede Ameti teataja 2017 / lk. 30 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_2-4.\\_va\\_teataja\\_2017](https://issuu.com/ajakirimeremees/docs/meremees_2017_2-4._va_teataja_2017)

## **Aasta teaduspeemia tehnikateaduste alal tööde tsükli "Bioloogiast inspireeritud allveerobotite liikumine ja tajud" eest : Maarja Kruusmaa**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 156 : portr [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

## **Aasta vilistlane 2017 : kui ei proovi, ei juhtu midagi!**

**Sarv, Mari Öö** Mente et Manu 2017 / lk. 50-51 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)  
[https://artiklid.elnet.ee/record=b2827025\\*est](https://artiklid.elnet.ee/record=b2827025*est)

## **Aastakoosolek peeti tänavu vastlapäeval**

Olevsoo, Reet Raamatukogu 2017 / lk. 38 : fot [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est)

## **Aastaraamat 2016 / Tallinna Tehnikaülikool, Virumaa kolledž**

2017 [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

## **Aastatel 2005-2017 on välja antud 1020 raamatukoguhoidja kutsetunnistust**

Talvi, Krista Raamatukogu 2017 / lk. 41 : fot [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est)

## **Abimees järeldoktorantuuriks välismaal**

**Vähi, Kersti** Mente et Manu 2017 / lk. 48 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2826935\\*est](https://artiklid.elnet.ee/record=b2826935*est)

## **Abiotic stress responses and microbe-mediated mitigation in plants: The omics strategies**

Meena, Kamlesh K.; Sorty, Ajay M.; Bitla, Utkarsh M.; Choudhary, Khushboo; Gupta, Priyanka; Pareek, Ashwani; Singh, Dhananjaya P.; Prabha, Ratna; Sahu, Pramod K.; **Gupta, Vijai Kumar** Frontiers in plant science 2017 / art. 172, 25 p. : ill <https://doi.org/10.3389/fpls.2017.00172> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **About conceptual bases for preparation of cash flow statement = О концептуальных основах подготовки отчета о движении денежных средств**

**Alver, Lehte; Alver, Jaan** Международный экономический симпозиум - 2017 : материалы международных научных конференций, 20-21 апреля 2017 г. : международная конференция молодых учёных-экономистов "Развитие современной экономики России", IV международная научно-практическая конференция "Устойчивое развитие: общество и экономика", IV международная научная конференция: Соколовские чтения "Бухгалтерский учёт: взгляд из прошлого в будущее" 2017 / p. 602 [http://econ-conf.spbu.ru/files/Symposium-2017\\_v8.pdf](http://econ-conf.spbu.ru/files/Symposium-2017_v8.pdf)

## **Abrasive-erosive wear of thermally sprayed coatings from experimental and commercial Cr3C2-based powders**

Sarjas, Heikki; **Surženkov, Andrei; Juhani, Kristjan; Antonov, Maksim; Adoberg, Eron; Kulu, Priit; Viljus, Mart; Traksmäa, Rainer**; Matikainen, Ville; Vuoristo, Petri Journal of thermal spray technology 2017 / p. 2020-2029 : ill <https://doi.org/10.1007/s11666-017-0638-2> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Acoustic performance of micro-grooved elements**

**Auriemma, Fabio** Applied acoustics 2017 / p. 128-137 : ill <https://doi.org/10.1016/j.apacoust.2017.02.019> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Acousto-mechanical instrumentation of multiscale hysteretic memristive properties of the skin with nonlinear time reversal imaging**

Dos Santos, Serge; **Lints, Martin; Masood, Ali; Salupere, Andrus** 2017 Cosmetic Measurements and Testing (COSMETIC 2017), Cergy-Pontoise, France, 6 - 7 June 2017 2017 / p. 16-19 : ill <http://dx.doi.org/10.1109/COMET.2017.8521466>

## **Acta Baltica historiae et philosophiae scientiarum**

2017 [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est)

## **Acta Baltica historiae et philosophiae scientiarum**

2017 [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est)

#### **ADAPTER.ee ühendab teaduse ja ettevõtluse**

**Kangur, Merle** Mente et Manu 2017 / lk. 38-39 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820649\\*est](https://artiklid.elnet.ee/record=b2820649*est)

#### **Addressing ethical matters in Ukrainian accounting practice**

**Zhatkin, Yuri; Gurvitš, Natalja**; Strouhal, Jiri Economics and sociology 2017 / p. 167-178 : tab <https://doi.org/10.14254/2071-789X.2017/10-3/12> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Adjusted electrical equivalent circuit model of induction motor with broken rotor bars and eccentricity faults**

**Petrov, Aleksei; Plokhov, Igor; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants; Belahcen, Anouar** Proceeding of the 2017 IEEE 11th International Symposium on Diagnostics for Electric Machines, Power Electronics and Drives (SDMPED) : [Tinos (Greece), August 29 - September 01, 2017] 2017 / p. 58-64 : ill <https://doi.org/10.1109/DEMPED.2017.8062334>

#### **Adjusting social welfare and social policy in Central and Eastern Europe : growth, crisis and recession : chapter 12**

**Kovacs, Borbala; Polese, Abel**; Morris, Jeremy Handbook of European social policy 2017 / p. 194-217  
<https://doi.org/10.4337/9781783476466.00021>

#### **Administration of the state information system of the Estonian eGovernment [Electronic resource]**

**Kalja, Ahto; Robal, Tarmo**; Gailan, Triin PICMET '17 : Portland International Conference on Management of Engineering and Technology : Technology Management for the Interconnected World : proceedings 2017 / p. 1-7 : ill. [USB]  
<https://doi.org/10.23919/PICMET.2017.8125312>

#### **Administrative burden reduction over time : literature review, trends and gap analysis**

**Meyerhoff Nielsen, Morten**; Goncalves Veiga, Linda; Carvalho, Nuno Ramos; Barbosa, Luis Soares ICEGOV '17 : proceedings of the 10th International Conference on Theory and Practice of Electronic Governance : New Delhi AA, India, March 7-9, 2017 2017 / p. 140-148 <https://doi.org/10.1145/3047273.3047334> [Conference proceedings at Scopus](#) [Article at Scopus](#)

#### **Administrative culture = Halduskultuur = Административная культура = Verwaltungskultur = Hallintokulttuuri**

2017 [http://www.ester.ee/record=b1447450\\*est](http://www.ester.ee/record=b1447450*est)

#### **Administratsioonidirektorina asub tööle Joosep Kaasik**

Mente et Manu 2017 / lk. 9 : portr [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html)  
[https://artiklid.elnet.ee/record=b2816016\\*est](https://artiklid.elnet.ee/record=b2816016*est)

#### **Advanced therapy medicinal products (ATMP) - challenges for the integrated regulation network**

**Titma, Tiina** 6th European Conference on Health Law : book of abstracts 2017 / p. 58 <http://eahl2017.org/presentations/>

#### **Advances in eco-efficient agriculture: The plant-soil mycobiome**

**Pagano, Marcela Claudia; Correa, Eduardo J. Azevedo; Duarte, Neimar F.; Yelikbayev, Bakhytzhani; O'Donovan, Anthonia; Gupta, Vijai Kumar** Agriculture 2017 / art. 14, 12 p. <https://doi.org/10.3390/agriculture7020014> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

#### **Aegade hämarusest kerkinud "Giselle"**

**Keevallik, Sirje** Sirp 2017 / lk. 21 <http://www.sirp.ee/s1-artiklid/teater/aegade-hamarusest-kerkinud-giselle/>

#### **Aerated concrete microwave reflection and transmission properties in a wet environment**

**Koppel, Tarmo**; Vilcane, Inese; Mironovs, Viktors; Shishkin, Andrei; Rubene, Sanita; **Tint, Piia** Vide. Tehnologija. Resursi : XI starptautiskas zinātniski praktiskas konferences materiāli 2017. gada 15.-17. jūnija. 3. sejmums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference. Volume III 2017 / p. 145-149 : ill  
<https://doi.org/10.17770/etr2017vol3.2619>

#### **Agent-based computational experiments in two-sided matching markets = Agendipõhised arvutuslikud eksperimentid kahepoolsetel sobitusturgudel**

**Veski, Andre** 2017 <https://digi.lib.ttu.ee/i/?7896> [https://www.ester.ee/record=b4683657\\*est](https://www.ester.ee/record=b4683657*est)

#### **Aggregation properties of a series of novel L-phenylalanine derived surfactants**

**Naude, M.; Kapitanov, Illia; Gathergood, Nicholas; Karpichev, Yevgen** Kyiv-Toulouse : IXth International Chemistry Conference "Kyiv-Toulouse" dedicated to the 100th anniversary of Fedir Babichev = IXth Conference Internationale de Chimie "Kyiv-Toulouse" dédiée au 100ème anniversaire de Fedir Babichev : (Kyiv, 4-9 June 2017) : materials of reports and performances 2017 / p. 133 : ill

#### **Aggression in the information space - Russia and its neighbours**

**Nyman-Metcalf, Katrin Merike** The Uppsala Yearbook of Eurasian Studies II 2017 / p. 163-188  
<https://www.wildy.com/isbn/9780854902385/the-uppsala-yearbook-of-eurasian-studies-i-paperback-wildy-simmonds-and-hill-publishing>

### **Agile software engineering methodology for information systems' integration projects**

**Taveter, Kuldar; Norta, Alexander** Future Data and Security Engineering : 4th International Conference, FDSE 2017, Ho Chi Minh City, Vietnam, November 29 - December 1, 2017 : proceedings 2017 / p. 215-230 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_15](https://doi.org/10.1007/978-3-319-70004-5_15)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Ag-ions play the main role in silver nanoparticles toxicity in the ciliate *Tetrahymena thermophila***

**Juganson, Katre**; Mortimer, Monika; Ivask, Angela; Pucciarelli, Sandra; Miceli, Cristina; Orupõld, Kaja; Kahru, Anne NanoImpact Conference : program and abstract Book 2017 / p. 67

### **Ag-ions play the main role in silver nanoparticles toxicity in the ciliate *Tetrahymena thermophila* [Online resource]**

**Juganson, Katre**; Mortimer, Monika; Ivask, Angela Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

### **Aim-oriented approach to technology**

**Müürsepp, Peeter** The Grammar of Things : Darmstadt, June 14-17, 2017 : book of abstracts 2017 / p. 59-60  
[https://www.dropbox.com/sh/402qu4fk6re8vyt/AAC-FZnmEMFpPy\\_HKFZblEkma?dl=0&preview=BookofAbstracts.pdf](https://www.dropbox.com/sh/402qu4fk6re8vyt/AAC-FZnmEMFpPy_HKFZblEkma?dl=0&preview=BookofAbstracts.pdf)

### **Air leakage levels in timber frame building envelope joints**

**Kalamees, Targo; Alev, Üllar; Pärnalaas, Mihkel** Building and environment 2017 / p. 121-129 : ill  
<https://doi.org/10.1016/j.buildenv.2017.02.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Air vortex electrospinning method for nanofiber yarn production [Online resource]**

**Viirsalu, Mihkel; Savest, Natalja; Krumme, Andres** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

### **Airtightness improvement solutions for log wall joints**

**Alev, Üllar; Uus, Andres; Kalamees, Targo** Energy procedia 2017 / p. 861-866 : ill <https://doi.org/10.1016/j.egypro.2017.09.678> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Akadeemia 2015. aasta eelarve täitmisest ja 2016. a eelarve. Seltside rahastamisest : peasekretär Margus Lopp : [ettekanne Eesti TA üldkogu koosolekul 20. apr. 2016]**

**Lopp, Margus** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 140-144  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemia liikmeskond : [uued liikmed : Maarja Kruusmaa, Jaan Eha, Anu Raud]**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 16 : portr  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemia tee 5A pereühiselamu renoveeriti liginullenergiahooneks**

Mente et Manu 2017 / lk. 7 : fot [https://artiklid.elnet.ee/record=b2830854\\*est](https://artiklid.elnet.ee/record=b2830854*est)

### **Akadeemia tegevusest 2015. aastal : astronoomia ja füüsika osakond : akadeemik Jaak Aaviksoo [ettekanne Eesti TA üldkogu koosolekul 20. apr. 2016]**

**Aaviksoo, Jaak** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 119-122  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemia tegevusest 2015. aastal : informaatika ja tehnikateaduste osakond : akadeemik Jakob Kübarsepp : [ettekanne Eesti TA üldkogu koosolekul 20. apr. 2016]**

**Kübarsepp, Jakob** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 122-124  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemia uute liikmete valimisest. Lõppsõna : [Eesti TA presidendi sõnavõttud Eesti TA üldkogu aastakoosolekul 20. aprillil 2016]**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 144-148  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemik Arvo Ots 85**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 166-167 : portr  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemik Enn Tõugu pälvis teaduse elutööpreemia**

Mente et Manu 2017 / lk. 10 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html) [https://artiklid.elnet.ee/record=b2816017\\*est](https://artiklid.elnet.ee/record=b2816017*est)

### **Akadeemik Lembit Krumm : 20.07.1928-13.12.2016 : [in memoriam]**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 299-300 : portr  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemik Leo Mõtus 75**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 172-173 : portr  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemik Maarja Kruusmaa : ebakindlus on uus reaalsus**

Kruusmaa, Maarja Mente et Manu 2017 / lk. 12-17 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)

### **Akadeemik Maarja Kruusmaa õpib kaladelt**

Inseneeria 2017 / lk. 26-27 : fot [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est) [https://artiklid.elnet.ee/record=b2815993\\*est](https://artiklid.elnet.ee/record=b2815993*est)

### **Akadeemik Raimund-Johannes Ubar 75**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 174-175 : fot  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemik Ülo Lille 85**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 164-165 : portr  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Akadeemilised mõtisklused**

Engelbrecht, Jüri 2017 [http://www.ester.ee/record=b4650021\\*est](http://www.ester.ee/record=b4650021*est)

### **Aktiivne Päike tekitas tugeva magnetormi : [Tarmo Koppeli sõnul]**

Eesti Loodus 2017 / lk. 76 : fot [http://www.ester.ee/record=b1072059\\*est](http://www.ester.ee/record=b1072059*est)

### **Aktiivse kasutusega maa [Võrguteavik]**

Kalberg, Heiki; Niitlaan, Erki; Reinsalu, Enno; Rammul, Üllar Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 296-303 : fot [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505>  
<https://digi.lib.ttu.ee/79461>

### **Alajõe sai uue ameti**

Äripäev 2017 / lk. 7 <https://www.aripeev.ee/uudised/2017/06/12/maria-alajoe-sai-uue-ameti>

### **Alar Kotli : 1904-1963 : [maetud Tallinna Metsakalmistule]**

Kuslap, Voldemar Jalutuskäigud Eesti kalmistutel 2017 / lk. 80 : ill [http://www.ester.ee/record=b4699946\\*est](http://www.ester.ee/record=b4699946*est)

### **Alfred Otsa Fond toetas viit tudengit kokku 67 000 euroga**

Mente et Manu 2017 / lk. 9 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820636\\*est](https://artiklid.elnet.ee/record=b2820636*est)

### **Algas tornaadode tegutsemise aeg**

Kallis, Ain Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/77628728/algas-tornaadode-tegutsemise-aeg>

### **Algorithm for life cycle inventory of medical waste treatment technologies emphasizing the role of treatment efficiency**

Gušča, Julija; Kuznecova, Inga; Kalnins, Silvija Nora Energy procedia 2017 / p. 423-427 : ill  
<https://doi.org/10.1016/j.egypro.2017.04.028>

### **Algoritmiline andekus ja mida sellega peale hakata**

Tõugu, Enn Sirp 2017 / lk. 8-9 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/algoritmiline-andekus-ja-mida-sellega-peale-hakata/>

### **Algteadmised, molekulid ja "keemiavaba maailm"**

Truve, Erkki; Raudla, Heiki Õpetajate leht 2017 / lk. 10 <https://opleht.ee/2017/01/algteadmised-molekulid-ja-keemiavaba-maailm/>

### **Alzheimeri ravi võib peituda mälus**

Timmusk, Tõnis; Bramham, Clive Postimees 2017 / lk. 26-27 <https://teadus.postimees.ee/4314339/eesti-ja-norra-teadlased-alzheimeri-ravi-voib-peituda-malumolekulides>

### **Aluminium - stainless steel hybrid composites obtained by selective laser melting and centrifugal casting [Online resource]**

Holovenko, Yaroslav; Kollo, Lauri; Kolnes, Märt Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

### **Ammendatud freesturbaväljade taasmetsastamine : puutuha mõju biomassi formeerumisele ja süsiniku bilansile**

Ots, Katri; Orru, Mall; Tilk, Mari; Kuura, Leno; Aguraijuja, Karin Forestry studies = Metsanduslikud uurimused 2017 / p. 17-36  
<https://doi.org/10.1515/fsmu-2017-0010> [http://mi.emu.ee/userfiles/instituudid/mi/MI/FSMU/2017/67/FSMU%2067\\_02.pdf](http://mi.emu.ee/userfiles/instituudid/mi/MI/FSMU/2017/67/FSMU%2067_02.pdf) Journal metrics at Scopus Article at Scopus

**An empirical study on the economic effect of financial cooperation among countries of the "Silk Road Economic Belt"**  
**Zheng, Xiaosong**; Jia, Lijun Inzinerine ekonomika = Engineering economics 2017 / p. 542-551 : ill  
<http://dx.doi.org/10.5755/j01.ee.28.5.19189>

**An epistemological view on risk exposure assessment : a case study**  
**Chiffi, Daniele**; Berchiolla, Paola; Gregori, Dario The open nursing journal 2017 / p. 203-210  
<https://doi.org/10.2174/1874434601711010203>

**An integrated platform for blended learning in engineering education**  
Makarova, Irina; Shubenkova, Ksenia; Tikhonov, Danila; **Pashkevich, Anton** Proceedings of the 9th International Conference on Computer Supported Education (CSEDU 2017) : April 21-23, 2017, in Porto, Portugal. Volume 2 2017 / p. 171-176 : ill  
<http://dx.doi.org/10.5220/0006375601710176>

**An introductory course in summability theory**  
**Aasma, Ants**; Dutta, Hemen; Natarajan, Pinnangudi N. 2017

**An investigation of image processing techniques for substrate classification based on dominant grain size using RGB images from UAV**  
Arif, Mohammad Shafi M.; Gülch, Eberhard; **Tuhtan, Jeffrey Andrew**; Thumser, Philipp; Haas, Christian International journal of remote sensing 2017 / p. 2639-2661 : ill <https://doi.org/10.1080/01431161.2016.1249309> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**An object detection and pose estimation approach for position based visual servoing**  
**Shi, Lei** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 193-196 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

**An overview of the most advanced frameworks for bridge asset management**  
Matos, José C.; **Sein, Sander** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / 10 p. : ill [An overview...](#)  
<http://hdl.handle.net/1822/46952>

**Analysing carbon based hybrid nanocomposites displaying interfacial phenomena with scanning transmission electron microscopy and related techniques**  
**Rauwel, Protima; Rauwel, Erwan** Microscopy and imaging science : practical approaches to applied research and education 2017 / p. 389-400 : ill <http://www.microscopy7.org/>

**Analysing Lagrangian timescales in the Gulf of Finland**  
**Viikmäe, Bert**; Torsvik, Tomas The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 46 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Analysis and application of light-technical parameters to assure pedestrian safety on roadway crossings with additional lighting**  
**Varjas, Toivo**; Armas, Jelena; **Rosin, Argo** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 148-151 : ill  
[http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

**Analysis and design of asymmetric quad-active-bridge converter**  
**Chub, Andrii**; Costa, Levy; Liserre, Marco IECON 2017 - 43rd Annual Conference of the IEEE Industrial Electronics Society : proceedings : China National Convention Center, Beijing, China, 29. October - 01. November, 2017 2017 / p. 5367-5372 : ill  
<https://doi.org/10.1109/IECON.2017.8216930>

**Analysis and design of graphene laminates [Online resource]**  
**Majak, Jüri; Kirs, Maarjus; Karjust, Kristo** International Conference "Functional Materials and Nanotechnologies 2017" : Tartu, Estonia in April, 24-27, 2017 : book of abstracts 2017 / p. 67 [http://www.ester.ee/record=b4668793\\*est](http://www.ester.ee/record=b4668793*est)

**Analysis and study of the influence of the geometrical parameters of mini unmanned quad-rotor helicopters to optimise energy saving**  
**Penkov, Igor; Aleksandrov, Dmitri** International journal of automotive and mechanical engineering 2017 / p. 4730-4746 : ill  
<https://doi.org/10.15282/ijame.14.4.2017.11.0372> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Analysis of competency-based learning - 6 years later**  
**Umbleja, Kadri; Kukk, Vello; Jaanus, Martin** Proceedings of 2017 IEEE Global Engineering Education Conference (EDUCON) : 25-28 April 2017, Athens, Greece 2017 / p. 165-174 : ill <https://doi.org/10.1109/EDUCON.2017.7942843>

**Analysis of keyword spotting performance across IARPA Babel languages**  
Hartmann, William; Karakos, Damianos; Hsiao, Roger; Zhang, Le; **Alumäe, Tanel**; Tsakalidis, Stavros; Schwartz, Richard 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 5765-5769 : ill <https://doi.org/10.1109/ICASSP.2017.7953261> [Conference](#)



[proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Analysis of logistics costs drivers in Estonia**

Kiisler, Ain; Hilmola, Olli-Pekka Kristian; Tolli, Andres World review of intermodal transportation research 2017 / p. 110-129  
<https://doi.org/10.1504/WRITR.2017.082731> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Analysis of measures for managing issues in post-disaster housing reconstruction**

Bilau, Abdulquadri Ade; Witt, Emlyn David Qivitoq; Lill, Irene Buildings 2017 / art. 29, p. 1-26 : ill  
<https://doi.org/10.3390/buildings7020029> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Analysis of national cyber situational awareness practices**

Bahsi, Hayrettdin Strategic cyber defense : a multidisciplinary perspective 2017 / p. 31-41 <https://doi.org/10.3233/978-1-61499-771-9-31>

**Analysis of STEM teaching - most common strategies and methods enabling deep understanding and interactive learning applied by graduates of technical teacher initial and continuing education programs in Estonia**

Rüütman, Tiia Interactive Collaborative Learning : proceedings of the 19th ICL Conference - Volume 1 2017 / p. 405-414 : ill  
[https://doi.org/10.1007/978-3-319-50337-0\\_39](https://doi.org/10.1007/978-3-319-50337-0_39) [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Analysis of the systems of ventilation of residential houses of Ukraine and Estonia**

Savchenko, Olena; Zhelykh, Vasy; Voll, Hendrik Current Issues of Civil and Environmental Engineering in Košice-Lviv-Rzeszow : book of extended abstracts 2017 / p. 1-4

**Analysis of the systems of ventilation of residential houses of Ukraine and Estonia**

Savchenko, Olena; Zhelykh, Vasy; Voll, Hendrik Selected scientific papers - journal of civil engineering 2017 / p. 23-30 : ill  
<https://doi.org/10.1515/sspice-2017-0015>

**Analysis of the vibration magnitude of an induction motor with different numbers of broken bars**

Martinez, Javier; Belahcen, Anouar; Muetze, Annette IEEE transactions on industry applications 2017 / p. 2711-2720 : ill  
<https://doi.org/10.1109/TIA.2017.2657478> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Analytical methods for determination of sulfur content in oil shale**

Pikkor, Heliis 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 213-215 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

**Analytical modelling and prediction formulas for domestic hot water consumption in residential Finnish apartments**

Ferrantelli, Andrea; Ahmed, Kaiser; Pylsy, Petri; Kurnitski, Jarek Energy and buildings 2017 / p. 53-60 : ill  
<https://doi.org/10.1016/j.enbuild.2017.03.021> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Andres Lipstok : Lääne maavanem 20.12.1989 - 12.08.1994 : maavanem, kes pani Eesti Vabariigi Lääne maakonnas reaalselt toimima**

Saarest Suureni : 100 aastat Lääne maavalitsust 2017 / lk. 68-73 : portr [http://www.ester.ee/record=b4689359\\*est](http://www.ester.ee/record=b4689359*est)

**Anna-Grete lugemissoovitused**

Juchnewitsch, Anna-Grete Studioosus 2017 / lk. 22-23 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Anne Adams mõtleb Supilinnast lauldes oma õpinguaastatele [Võrguväljaanne]**

Hanson, Raimu tartu.postimees.ee 2017 / fot [Anne Adams mõtleb Supilinnast lauldes oma õpinguaastatele](#)

**Anniversaries : Arvo Ots 85**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 86-87 : portr

**Anniversaries : Leo Mõtus 75**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 92-93 : portr

**Anniversaries : Raimund-Johannes Ubar 75**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 94-95 : phot

**Anniversaries : Ülo Lille 85**

Estonian Academy of Sciences year book 2016 2017 / p. 84-85 : portr

**Anthropogenic transformation of the ecological functioning of small hard-water lakes : analysis of sedimentary pigments and stable isotopes**

Mikomägi, Annika; Martma, Tõnu ASLO 2017 : Mountains to the Sea : Hawaii Convention Center, Honolulu, Hawaii, 26 February - 3 March 2017 / [1] p <http://www.sgmeet.com/aslo/honolulu2017/viewabstract.asp?AbstractID=29652>

## **Anti üle noore teadlase preemiad : [TTÜst Maksim Jenihhin]**

Õpetajate leht 2017 / lk. 1 <https://opleht.ee/2017/02/anti-ule-noore-teadlase-preemiad/>

## **Antibiootikumikuur võib soolestiku mikrofloora mitmeks kuuks segamini lüüa**

Liebert, Tiit Postimees 2017 / Tervis, lk. 5 <https://tervis.postimees.ee/4381351/antibiootikumikuur-voib-soolestiku-mikrofloora-mitmeks-kuuks-segi-luua>

## **Antifungal potential of lactic acid bacteria against Aspergillus niger strain isolated from rye bread [Online resource]**

Kontram, Kärt; Viird, Ene; Surženko, Marianna; Sarand, Inga Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

## **Anto Raukaselt uus raamat fosforiidist**

Raukas, Anto Eesti Elu : [Kanada ajaleht] 2017 / lk. 6

## **Antropotseeni saar Paljassaar**

Lints, Taivo Sirp 2017 / lk. 21-22 : fot <http://www.sirp.ee/s1-artiklid/arhitektuur/antropotseeni-saar-paljassaar/> Antropotseeni saar Paljassaar

## **Applicability of a bioelectronic cardiac monitoring system for the detection of biological effects of pollution in bioindicator species in the Gulf of Finland**

Kholodkevich, Sergei; Kuznetsova, Tatiana; Sharov, Andrey; Kurakin, Anton; Lips, Urmas; Kolesova, Natalja; Lehtonen, Kari K. Journal of marine systems 2017 / p. 151-158 : ill <https://doi.org/10.1016/j.jmarsys.2016.12.005> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Applicability of SAR-based wave retrieval for wind-wave interaction analysis in the fetch-limited Baltic**

Rikka, Sander; Uiboupin, Rivo; Alari, Victor International journal of remote sensing 2017 / p. 906-922 : ill <https://doi.org/10.1080/01431161.2016.1271472> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Application of activated carbon derived from seed shells of Jatropha curcas for decontamination of zearalenone mycotoxin**

Kalagatur, Naveen K.; Karthick, Kumarvel; Allen, Joseph A.; Chandranayaka, Siddaiah; Gupta, Vijai Kumar; Ghosh, Oriparambil Sivaraman Nirmal; Krishna, Kadirvelu; Mudili, Venkataramana Frontiers in pharmacology 2017 / art. 760, 13 p. : ill <https://doi.org/10.3389/fphar.2017.00760> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

## **Application of gas chromatography-olfactometry (GC-O) and correlation with sensory analysis = Gaaskromatograaf-olfaktomeetri (GC-O) rakendusvõimalused ja korreleerimine sensoorse analüüsiga**

Rosenvald, Sirli 2017 [http://www.ester.ee/record=b4743675\\*est](http://www.ester.ee/record=b4743675*est) <https://digi.lib.ttu.ee/i/?9006>

## **Application of hyperspectral imaging in waste paper sorting**

Juurma, Märt; Sillat, Mari-Liis; Tamre, Mart 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 197-200 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

## **Application of Leddar to optimize image processing operations**

Mets, Oliver; Piigli, Ervin 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 209-210 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

## **Application of terrestrial laser scanning technology for engineering structure surveys = Terrestriine laserskaneerimine ehituskonstruktioonide mõõdistamisel**

Mill, Tarvo 2017 <https://digi.lib.ttu.ee/i/?9118> [https://www.ester.ee/record=b4744263\\*est](https://www.ester.ee/record=b4744263*est)

## **Application-oriented performance characterization of the ionic polymer transducers (IPTs) = Ioonpolümeeridest täiturite võimekuse karakteriseerimine rakendusteks**

Hunt, Andres 2017 <https://digi.lib.ttu.ee/i/?7576> [https://www.ester.ee/record=b4670806\\*est](https://www.ester.ee/record=b4670806*est)

## **Applications of gas-phase ultraviolet photocatalytic oxidation technology in indoor environments**

Palmiste, Ülar; Voll, Hendrik; Tang, Walter Zhonghong Healthy Buildings 2017 Europe : July 2-5, 2017, Lublin, Poland 2017 / paper 0278, [6] p

## **Approach of an elevated criterion for frost resistance of concrete according to Estonian practice in concrete industry**

Liisma, Eneli Nordic Concrete Research : proceedings of XXIII Nordic Concrete Research Symposium : Aalborg, Denmark, 21-23 August, 2017 2017 / p. 153-156 : ill

## **Approaches for improving VoIP QoS in WMNs**

Meeran, Mohammad Tariq; Annus, Paul; Le Moullec, Yannick 2017 International Conference on Electrical Engineering and Computer Science (ICECOS 2017) : Palembang, Indonesia, 22-23 August 2017 2017 / p. 22-27 : ill

<https://doi.org/10.1109/ICECOS.2017.8167138>

**Aqueous photocatalytic degradation of selected micropollutants by Pd-modified titanium dioxide in three photoreactor types**

**Klauson, Deniss; Šakarašvili, Marko; Pronina, Natalja; Kritševskaja, Marina; Kärber, Erki; Mikli, Valdek** Environmental technology 2017 / p. 860-871 : ill <https://doi.org/10.1080/09593330.2016.1214185> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Archimedes tunnustas auhinnaga "Kuldõun" mitmeid TTÜ algatusi**

Mente et Manu 2017 / lk. 11 [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html) [https://artiklid.elnet.ee/record=b2811459\\*est](https://artiklid.elnet.ee/record=b2811459*est)

**Arduino projektid alustajale**

**Sell, Raivo;** Raid, Kaupo 2017 [http://www.ester.ee/record=b4686444\\*est](http://www.ester.ee/record=b4686444*est)

**Are business obstacles different for R&D companies? [Online resource]**

**Hein, Heili; Männasoo, Kadri** 2017 <http://www.tutecon.eu/index.php/TUTECON/article/view/33>

**Are more formal performance management systems more successful?**

**Kadak, Tarmo; Laitinen, Erkki K.** PMAA 2017 papers for presentation [online resource] 2017 / [20] p. : ill <http://www.otago.ac.nz/pmaa-2017/papers/otago636832.pdf>

**Are other people's books difficult to read? The logic books in Lewis Carroll's private library**

**Moktefi, Amirouche** Acta Baltica historiae et philosophiae scientiarum 2017 / p. 28-49 : ill [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est) [https://www.bahps.org/02\\_Moktefi-2017-1-02.pdf](https://www.bahps.org/02_Moktefi-2017-1-02.pdf) <https://doi.org/10.11590/abhps.2017.1.02> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Are R&D companies credit-constrained? Credit frictions during and post-crisis [Online resource]**

**Männasoo, Kadri; Hein, Heili** 2017 <http://www.tutecon.eu/index.php/TUTECON/article/view/29>

**Are the current system engineering practices sufficient to meet cyber crime?**

**Buldas, Ahto;** Saarepera, Märt Human Aspects of Information Security, Privacy and Trust : 5th International Conference, HAS 2017 : held as part of HCI International 2017, Vancouver, BC, Canada, July 9–14, 2017 : proceedings 2017 / p. 451-463 [https://doi.org/10.1007/978-3-319-58460-7\\_31](https://doi.org/10.1007/978-3-319-58460-7_31) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Arendagem ettevõtlikkust iga päev ja igas kohas : [ettevõtlusõppe programmi tutvustavad Marge Täks TÜst, Grete Arro TLÜst ja Urve Venesaar TTÜst]**

Pärismaa, Sirje Õpetajate Leht 2017 / lk. 11 <https://opleht.ee/2017/03/arendagem-ettevotlikkust-iga-paev-ja-igas-koolitunnis/>

**Arengueesmärgid paika**

**Raud, Irina** Sirp 2017 / lk. 26-27 : ill <http://www.sirp.ee/s1-artiklid/arhitektuur/arengueesmargid-paika/>

**Arhitekt Irina Raud Ugala teatrist : tehnika uueneb, atmosfäär jääb**

Rebane, Katariina; **Raud, Irina** Eesti Päevaleht 2017 / lk. 17 <https://epl.delfi.ee/artikkel/77560270/arhitekt-irina-raud-ugalast-tehnika-uueneb-atmosfaar-jaab>

**Arhitektuurihariduse stalinistlikust korraldamisest Eestis 1944-1950**

**Hallas-Murula, Karin** Kunstiteaduslikke uurimusi = Studies on art and architecture = Studien für Kunstwissenschaft 2017 / lk. 58-83 <http://ktu.kty.ee/index.php?id=page&est&cont=3> <https://www.proquest.com/docview/1985569894?sourcetype=Scholarly%20Journals> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Armastuskirjad Viragole : [mootori parandamisest]**

Särg, Hanno Studioosus 2017 / lk. 12-13 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Armsad lõpetajad! Palju õnne teile diplomini jõudmise puhul!**

**Aaviksoo, Jaak** Mente et Manu 2017 / lk. 14 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1) [https://artiklid.elnet.ee/record=b2826906\\*est](https://artiklid.elnet.ee/record=b2826906*est)

**Arno Kass : 01.12.1929-09.11.2014**

**Puusemp, Peeter** Aastaraamat 2013-2016 / Eesti Matemaatika Selts 2017 / lk. 120-122 : fot <https://dea.digar.ee/cgi-bin/dea?a=is&oid=Jvarmteestimatemaatika201707&type=staticpdf> [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

**Artificial intelligence within the military domain and cyber warfare**

Hallaq, Bil; **Sömer, Tiia; Osula, Anna-Maria;** Ngo, Kim; Mitchener-Nissen, Timothy Proceedings of the 16th European Conference on Cyber Warfare and Security, ECCWS 2017 : hosted by University College Dublin, Ireland, 29-30 June 2017 2017 / p. 153-156 <https://www.scopus.com/record/display.uri?eid=2-s2.0-85028013021&origin=resultslist&zone=contextBox>

**Artificial lateral lines : assessing fish passages sensing like a fish [Online resource]**



**Fuentes-Pérez, Juan Francisco** International Conference on Engineering and Ecohydrology for Fish Passage, June 19-21, 2017, Oregon State University, Corvallis, Oregon (USA) : presentation abstracts 2017 / p. 91  
[http://fishpassage.umass.edu/conference2017/sites/default/files/FishPassage2017\\_Abstracts.pdf](http://fishpassage.umass.edu/conference2017/sites/default/files/FishPassage2017_Abstracts.pdf)

#### **Arvamusfestival - olla või mitte olla**

**Kurnitski, Jarek** Mente et Manu 2017 / lk. 45 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)  
[https://artiklid.elnet.ee/record=b2827021\\*est](https://artiklid.elnet.ee/record=b2827021*est)

#### **Arvamusfestival : töö liginullenergiahoonetega ei lõpe aastal 2020**

Kiisler, Eva; Veske, Andres; **Kurnitski, Jarek**; Koit, Priit; Sillmann, Karin; Hani, Allan Ehitaja 2017 / lk. 17-18 : fot  
[https://artiklid.elnet.ee/record=b2824285\\*est](https://artiklid.elnet.ee/record=b2824285*est)

#### **Arvamusi merepraktikast IAMU tudengifoorumilt**

**Roosipuu, Tauri** Meremees. Veeteede Ameti teataja 2017 / lk. 26 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_3-4.\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_3-4._va_teataja_2017_)

#### **Arvatav Vene agent õppis TTÜ Virumaa Kolledžis**

Õhtuleht 2017 / lk. 2

#### **Arvuta veel!**

**Sarv, Mari** Õõ Mente et Manu 2017 / lk. 3 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2820620\\*est](https://artiklid.elnet.ee/record=b2820620*est)

#### **Asendamatud rakendused välismaal hakkama saamiseks**

Dreger, Janno Studioosus 2017 / lk. 14-15 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

#### **Asfaldipäev 2017 : kumb siis - kas asfalt või betoon?**

**Kendra, Ain** Transport ja Teed 2017 / lk. 30-32 : fot [https://artiklid.elnet.ee/record=b2829614\\*est](https://artiklid.elnet.ee/record=b2829614*est)

#### **Asja armastaja pihtimused, ehk, Kuidas ma olen teadust teinud ja seda rakendanud : teaduspreemia pikaajalise tulemusliku teadus- ja arendustöö eest : Enn Tõugu**

**Tõugu, Enn** Eesti Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport 2017 / lk. 34-56 : portr  
[http://www.ester.ee/record=b1226072\\*est](http://www.ester.ee/record=b1226072*est)

#### **Assertion and denial : a contribution from logical notations**

**Pietarinen, Ahti-Veikko; Bellucci, Francesco** Journal of applied logic 2017 / p. 1-22 : ill <https://doi.org/10.1016/j.jal.2017.01.001>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Assertions and conditionals : a historical and pragmatic stance**

**Chiffi, Daniele; Di Giorgio, Alfredo** Studia humana 2017 / p. 25-38 <https://doi.org/10.1515/sh-2017-0004>

#### **Assertions and hypotheses : a logical framework for their opposition relations**

Carrara, Massimiliano; **Chiffi, Daniele**; De Florio, Ciro Logic journal of the IGPL 2017 / p. 131-144 : ill  
<https://doi.org/10.1093/jigpal/jzw036>

#### **Assessing near-bottom velocity field using an experimental particle image velocimeter**

**Buschmann, Fred; Erm, Ants; Listak, Madis** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 317 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

#### **Assessing technophobia and technophilia : development and validation of a questionnaire**

**Martinez-Corcoles, Mario; Teichmann, Mare; Murdvee, Mart** Technology in society 2017 / p. 183-188 : tab  
<https://doi.org/10.1016/j.techsoc.2017.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Assessing the frost resistance of illite-based ceramics through the resonant frequency of free vibration and internal damping**

Hulan, Tomaš; Knappek, Michal; Minarik, Peter; Csaki, Štefan; **Kaljuvee, Tiit; Uibu, Mai** AIP conference proceedings 2017 / art. 040015, p. 1-7 <https://doi.org/10.1063/1.4994495> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Assessment of aviation security risk management for airline turnaround processes**

Matulevičius, Raimundas; **Norta, Alexander; Udokwu, Chibuzor; Nõukas, Rein** Transactions on large-scale data- and knowledge-centered systems XXXVI : special issue on data and security engineering 2017 / p. 109-141 : ill [https://doi.org/10.1007/978-3-662-56266-6\\_6](https://doi.org/10.1007/978-3-662-56266-6_6) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Assessment of bioavailable B vitamin content in food using in vitro digestibility assay and LC-MS SIDA**

**Paalme, Toomas; Vilbaste, Allan; Kevai, Kaspar; Nisamedtinov, Ildar; Hälvin, Kristel** Analytical and bioanalytical chemistry 2017 / p. 6475-6484 : tab <https://doi.org/10.1007/s00216-017-0592-3> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#)

**Assessment of biological response to desmopressin using von Willebrand factor multimers analysis**

**Pikta, Marika; Zemtsovskaja, Galina; Viigimaa, Margus** Clinical chemistry and laboratory medicine 2017 / p. 727  
<https://www.degruyter.com/downloadpdf/j/cclm.2017.55.issue-s1/cclm-2017-5019/cclm-2017-5019.pdf>

**Assessment of digital government : case study of ICT initiatives in Balochistan**

**Arfeen, M. Irfanullah; Meyerhoff Nielsen, Morten** ICTD '17 proceedings of the Ninth International Conference on Information and Communication Technologies and Development 2017 / art. 27, p. 1-5 : ill <http://dx.doi.org/10.1145/3136560.3136592>

**Assessment of durability of environmentally friendly wood-based panels**

**Kallavus, Urve; Järv, Hele; Kalamees, Targo; Kurik, Lembit** Energy procedia 2017 / p. 207–212 : ill  
<https://doi.org/10.1016/j.egypro.2017.09.756> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Assessment of eutrophication status based on sub-halocline oxygen conditions in the Gulf of Finland (Baltic Sea)**

**Stoicescu, Stella-Theresa; Lips, Urmas; Liblik, Taavi** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 94 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Assessment of higher harmonics influence to PMU measurement accuracy**

**Löper, Mari; Salumäe, Uku; Kilter, Jako** 2017 IEEE PES Innovative Smart Grid Technologies Conference Europe (ISGT-Europe) : Torino, Italy 26-29 September 2017 : Conference Proceedings 2017 / 6 p. : ill <https://doi.org/10.1109/ISGTEurope.2017.8260271>

**Assessment of indoor air in Estonian straw bale and reed houses**

**Raamets, Jane; Kutti, Sander; Ruus, Aime; Ivask, Mari** Air Pollution XXV 2017 / p. 193-196 : tab <https://doi.org/10.2495/AIR170191>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Assessment of marine geoid models by ship-borne GNSS profiles**

**Varbla, Sander; Ellmann, Artu; Märdla, Silja; Gruno, Anti** Geodesy and cartography 2017 / p. 41-49 : ill  
<https://doi.org/10.3846/20296991.2017.1330771> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Astronoomia ja füüsika osakond**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 26  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Asymmetric exchange rate exposure of stock returns : empirical evidence from Chinese industries**

**Cuestas, Juan Carlos; Tang, Bo** Studies in nonlinear dynamics & econometrics 2017 / art. 20160042, p. 1-21 : ill  
<https://doi.org/10.1515/snde-2016-0042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Asymmetric organocatalytic Michael Addition-cyclization cascade of cyclopentane-1,2-dione with substituted  $\alpha,\beta$ -unsaturated aldehydes**

**Preegel, Gert; Silm, Estelle; Kaabel, Sandra; Järving, Ivar; Rissanen, Kari; Lopp, Margus** Synthesis 2017 / p. 3118-3125 : ill  
<https://doi.org/10.1055/s-0036-1588787> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Asymmetric synthesis of 2,3,4-trisubstituted piperidines**

**Kriis, Kadri; Melnik, Triin; Lips, Kristiina; Juhanson, Ilona; Kaabel, Sandra; Järving, Ivar; Kanger, Tõnis** Synthesis 2017 / p. 604-614 : ill <https://doi.org/10.1055/s-0036-1588299> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Asymmetries in the interaction between housing prices and housing credit in Estonia**

**Cuestas, Juan Carlos; Kuk, Merike** 2017 [http://www.ester.ee/record=b4663217\\*est](http://www.ester.ee/record=b4663217*est) <http://dx.doi.org/10.23656/25045520/22017/0140>

**Asymmetries in the interaction between housing prices and housing credit in Estonia [Online resource]**

**Cuestas, Juan Carlos; Kuk, Merike** 9th Nordic Econometric Meeting, May 24-27, 2017 in Tartu, Estonia 2017 / p. 1-27 : ill  
<https://sisu.ut.ee/nem2017/sessions-papers>

**Atmospheric forcing controlling inter-annual nutrient dynamics in the open Gulf of Finland**

**Lehtoranta, Jouni; Savchuk, Oleg P.; Elken, Jüri** Journal of marine systems 2017 / p. 4-20 : ill  
<https://doi.org/10.1016/j.jmarsys.2017.02.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Atom economy, biodegradation, catalysis and green toxicology : tools for the delivery of green chemistry based on ionic liquids [Online resource]**

**Gathergood, Nicholas** Abstracts : ICCE 2017 Oslo : 16th International Conference on Chemistry and the Environment : Oslo, Norway, 18-22 June 2017 2017 / art. 171, p. [155] [http://icce2017.org/downloads/Abstraktsamling\\_16\\_06\\_17.pdf](http://icce2017.org/downloads/Abstraktsamling_16_06_17.pdf)

**Atom economy, catalysis and green toxicology : tools for the delivery of sustainable chemistry based on ionic liquids**

**Gathergood, Nicholas** 2nd Green and Sustainable Chemistry Conference : 14-17 May 2017, Berlin, Germany : abstracts 2017 / p.

**Atomic- and magnetic-force microscopy in variable applied magnetic fields on CoFe/IrMn multilayer [Online resource]**

**Link, Joosep**; Stern, Raivo Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

**Atomic layer deposition of titanium oxide films on As-synthesized magnetic Ni particles: magnetic and safety properties**

Uudeküll, Peep; Kozlova, Jekaterina; Mändar, Hugo; Link, Joosep; Sihtmäe, Mariliis; **Käosaar, Sandra**; Blinova, Irina; Kasemets, Kaja; Kahru, Anne; Stern, Raivo Journal of magnetism and magnetic materials 2017 / p. 299-304 : ill  
<https://doi.org/10.1016/j.jmmm.2017.01.045> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Attitudes towards paying for environmental protection in the Baltic Sea region**

**Pädam, Sirje-Ilona**; Bali Swain, Ranjula Environmental challenges in the Baltic region : a perspective from economics 2017 / p. 201-220 [http://www.ester.ee/record=b4667753\\*est](http://www.ester.ee/record=b4667753*est) [http://dx.doi.org/10.1007/978-3-319-56007-6\\_9](http://dx.doi.org/10.1007/978-3-319-56007-6_9)

**Augmented coaching ecosystem for non-obtrusive adaptive personalized elderly care on the basis of cloud-fog-dew computing paradigm [Electronic resource]**

Gordienko, Yuri; Stirenko, S.; Alienin, O.; **Jervan, Gert** 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), May 22 - 26, 2017, Opatija, Croatia : proceedings 2017 / p. 359-364 : ill. [CD-ROM] <https://doi.org/10.23919/MIPRO.2017.7973449>

**Austatud doktorid = Dear Doctors**

**Aaviksoo, Jaak** Doktorid 2017 / Tallinna Tehnikaülikool 2017 / lk. 1-2 [https://www.ester.ee/record=b4535112\\*est](https://www.ester.ee/record=b4535112*est)

**Automaatse segmenteerimise täpsuse hindamine**

**Meister, Einar; Meister, Lya** 16. rakenduslingvistika kevadkonverents Keel kui Ökosüsteem : 20.-21. aprill 2017, Tallinn : teesid = EAAL 16th Annual Conference Language as an Ecosystem : April 20-21, 2017, Tallinn, Estonia : abstracts 2017 / lk. 45-46  
<https://www.rakenduslingvistika.ee/wp-content/uploads/2016/04/Teesid-2017-3.pdf>

**Automaatse segmentimise hindamine**

**Meister, Einar; Meister, Lya** Mäetagused : hüperajakiri 2017 / lk. 145-160 : ill <http://doi.org/10.7592/MT2017.68.meister>  
[http://www.ester.ee/record=b1072570\\*est](http://www.ester.ee/record=b1072570*est)

**Automated area and coverage optimization of minimal latency checkers**

**Azad, Siavoosh Payandeh; Niazmand, Behrad; Apneet Kaur; Raik, Jaan; Jervan, Gert; Hollstein, Thomas** 2017 22nd IEEE European Test Symposium (ETS 2017), Limassol, Cyprus, 22 – 26 May 2017 : proceedings 2017 / p. 7-8 : ill  
<https://doi.org/10.1109/ETS.2017.7968211>

**Automated software-based in-field self-test program synthesis**

**Jasnetski, Artjom; Ubar, Raimund-Johannes; Tšertov, Anton** International journal of microelectronics and computer science 2017 / p. 57-64 : ill

**Automated software-based self-test generation for microprocessors**

**Jasnetski, Artjom; Ubar, Raimund-Johannes; Tšertov, Anton** Proceedings of the 24st International Conference Mixed Design of Integrated Circuits and Systems : MIXDES 2017 : Bydgoszcz, Poland, June 19-21, 2014 2017 / p. 453-458 : ill  
<https://doi.org/10.23919/MIXDES.2017.8005252>

**Autonoomsed allveeliugurid mereteadlaste kasutuses**

**Lips, Urmas** Merevaated 2017 / lk. 94-100 : ill [http://www.ester.ee/record=b4679147\\*est](http://www.ester.ee/record=b4679147*est)

**Autori saatesõna**

**Engelbrecht, Jüri** Akadeemilised mõtisklused 2017 / lk. 15-16 [https://www.ester.ee/record=b4650021\\*est](https://www.ester.ee/record=b4650021*est)

**Avasõna. Akadeemikute valimisest. Lõppsõna : [Eesti TA presidendi Tarmo Soomere sõnavõttud Eesti TA üldkogul istungil 7. detsembril 2016]**

**Soomere, Tarmo** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 149-153  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Avati Tallinna Tehnikaülikooli elektrivõrgu arenduslabor**

Elektriala 2017 / lk. 24 [https://artiklid.elnet.ee/record=b2816546\\*est](https://artiklid.elnet.ee/record=b2816546*est)

**Avati Vanemuise teatrimaja : 1906**

Saro, Anneli 101 Eesti teatrisündmust 2017 / lk. 36-37 : ill [http://www.ester.ee/record=b4640732\\*est](http://www.ester.ee/record=b4640732*est)

**Avatud teadus Eestis ja Euroopas : võimalikkus ja potentsiaal erinevate sidusgruppide vaates : lõpparuanne**

Toom, Kristel; Olesk, Arko; Ruusalepp, Raivo; Kaal, Esta; Mandre, Sigrid; **Vaikmäe, Rein** 2017

[https://www.etag.ee/rahastamine/programmid/rita/rita-tegevus-4-rita-4/avatud\\_teadus\\_eestis\\_ja\\_euroopas\\_voimalikkus\\_ja\\_potentsiaal/](https://www.etag.ee/rahastamine/programmid/rita/rita-tegevus-4-rita-4/avatud_teadus_eestis_ja_euroopas_voimalikkus_ja_potentsiaal/)  
[https://www.etag.ee/wp-content/uploads/2018/02/Avatud-teadus-Eestis-ja-Euroopas\\_TL%C3%9C-ja-ETA.pdf](https://www.etag.ee/wp-content/uploads/2018/02/Avatud-teadus-Eestis-ja-Euroopas_TL%C3%9C-ja-ETA.pdf)

### **Balti riigid peaksid jääma ühendusse ikka Venemaa energiasüsteemiga**

**Raukas, Anto; Valdma, Mati** Eesti Päevaleht 2017 / lk. 12 <https://epl.delfi.ee/artikkel/79946242/balti-riigid-peaksid-jaama-uhendus-ikka-venemaa-energiasusteemiga>

### **Balti riikide ja Venemaa vahelised kaubandussuhted : rajasõltuvus või majanduslik ratsionaalsus?**

**Markus, Raul;** Veebel, Viljar Estonian discussions on economic policy : problems of the national regional policy. Special edition in honour of prof. Sulev Mäeltsemees. Scientific discussions on economic policy in Estonia for the twenty fifth time (1984-2017) = Estnische Gespräche über Wirtschaftspolitik : Probleme der staatlichen Regionalpolitik. Festschrift für Prof. Sulev Mäeltsemees. Estnische wirtschaftspolitische Gespräche schon fünfundzwanzig Jahre in Folge (1984-2017) = Eesti majanduspoliitilised väitlused : riigi regionaalpoliitika probleemid prof. Sulev Mäeltsemehele pühendatud eriväljaanne : kahekümne viiendat korda majanduspoliitilisi teadusväitlusi Eestis (1984-2017) : [artiklite kokkuvõtted] 2017 / lk. 39-41

### **Balti Teede konverents teadlase pilgu läbi**

**Aavik, Andrus** Teeleht 2017 / lk. 102 : fot [https://artiklid.elnet.ee/record=b2827882\\*est](https://artiklid.elnet.ee/record=b2827882*est)

### **Baltic journal of European studies. Vol. 7, No. 1(22)**

2017 [http://www.ester.ee/record=b2675037\\*est](http://www.ester.ee/record=b2675037*est)

### **Baltic journal of European studies. Vol. 7, no. 2(23)**

2017 [http://www.ester.ee/record=b2675037\\*est](http://www.ester.ee/record=b2675037*est)

### **Baltimaade ägedaim seade : TTÜ uues laboris saab modelleerida elektrisüsteeme**

Kamps, Mari Inseneeria 2017 / lk. 32-33 : fot [https://artiklid.elnet.ee/record=b2810866\\*est](https://artiklid.elnet.ee/record=b2810866*est)

### **Banking market competition in Europe - financial stability or fragility enhancing? [Online resource]**

**Ahi, Kalle; Laidroo, Laivi** 9th Nordic Econometric Meeting, May 24-27, 2017 in Tartu, Estonia 2017 / p. 1-47 : ill <https://sisu.ut.ee/nem2017/sessions-papers>

### **Banking sector concentration, competition and financial stability : the case of Baltic countries [Online resource]**

**Cuestas, Juan Carlos;** Lucotte, Yannick; **Reigl, Nicolas Andreas** 9th Nordic Econometric Meeting, May 24-27, 2017 in Tartu, Estonia 2017 / p. 1-42 : ill <https://sisu.ut.ee/nem2017/sessions-papers>

### **BASTION : board and SoC test instrumentation for ageing and no failure found**

**Jutman, Artur;** Lotz, Christophe; Larsson, Erik; Sonza Reorda, Matteo; **Jenihhin, Maksim; Raik, Jaan** Proceedings of the 2017 Design, Automation & Test in Europe (DATE) : 27-31 March 2017, Swisstech, Lausanne, Switzerland 2017 / p. 115-120 : ill <https://doi.org/10.23919/DATE.2017.7926968>

### **Battery storage technologies for electrical applications : impact in stand-alone photovoltaic systems**

Akinyele, Daniel; **Belikov, Juri;** Levron, Yoash Energies 2017 / art. 1760, 39 p. : ill <https://doi.org/10.3390/en10111760> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Bbuzz : a Bit-aware fuzzing framework for network protocol systematic reverse engineering and analysis**

Blumbergs, Bernhards; **Vaarandi, Risto** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 707-712 <https://doi.org/10.1109/MILCOM.2017.8170785> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Behavioral finance : history and foundations**

**Illiaschenko, Pavlo** Visnyk of the national bank 2017 / p. 28-54 <https://doi.org/10.26531/vnbu2017.239.028>

### **Behavioral finance : household investment and borrowing decisions**

**Illiaschenko, Pavlo** Visnyk of the national bank 2017 / p. 28-48 <https://doi.org/10.26531/vnbu2017.242.015>

### **Benign by design - designing chemicals and pharmaceuticals for environmental biodegradation**

Kümmerer, Klaus; **Gathergood, Nicholas** GSC8 : 8th International Conference on Green and Sustainable Chemistry, 23-26 July 2017, Melbourne, Australia : abstract book 2017 / p. 43 <http://www.racicongress.com/downloads/abstracts/GSC8-abstract-book.pdf>

### **Betoon ja raudbetoon : spetsifitseerimine, tehnoloogia, kvaliteet, vastavushindamine**

2017 [http://www.ester.ee/record=b4741175\\*est](http://www.ester.ee/record=b4741175*est)

### **Betooniühing premeeris tsemendi ja betooni omadusi uurinud tudengeid : [ka TTÜst]**

Director. Inseneeria 2017 / lk. 132-133 : fot [http://www.ester.ee/record=b1519314\\*est](http://www.ester.ee/record=b1519314*est) [https://artiklid.elnet.ee/record=b2824249\\*est](https://artiklid.elnet.ee/record=b2824249*est)

### **Betooniühingu 10. üliõpilaspriimid läksid Eesti Maaülikooli ja Tallinna Tehnikaülikooli : [TTÜst pälvisid preemia Sten**

### **Hoolma ja Silver Rebane]**

Ehitaja 2017 / lk. 13 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

### **Betooniühingu preemia võitnud üliõpilastööd uurivad tsemendi ja betooni omadusi : [preemia pälvis ka Taavi Ilu TTÜst]**

Ehitaja 2017 / lk. 10-11 : fot [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

### **Better not to ask your employees to come to work? Issues in R&D work efficiency**

Hazak, Aaro 2017 <http://tutecon.eu/index.php/tutecon/article/view/32>

### **Beyond bitcoin : is bitcoin a misguided information technology tool here to create more problems than it solves?**

Kostakis, Vasileios; Giotitsas, Christos economics.com 2017 [Beyond bitcoin : is bitcoin a misguided information technology tool here to create more problems than it solves?](http://www.ester.ee/record=b1072123*est)

### **BibliCamp 4 - raamatukogud ja heategevus : [ka Maris Noole ettekandest ja küsitlusest]**

Tõnisson, Jaana Raamatukogu 2017 / lk. 36-37 : fot [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est)

### **Bidirectional isolated ZVS DC-DC converter with auxiliary active switch for high-power energy storage applications**

Ivakhno, Volodymyr; Zamaruev, Volodymyr; Styslo, Bogdan; Kosenko, Roman; Blinov, Andrei 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 589-592 : ill <https://doi.org/10.1109/UKRCON.2017.8100315>

### **Bidirectional soft-switching current-fed flyback converter with natural clamping for low voltage battery energy storage applications**

Kosenko, Roman 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 133-137 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

### **Bilansivõrrand - lihtne seos, mis tekitab raskusi**

Nikitina-Kalamäe, Monika; Tinitis, Margus Raamatupidamise Praktik : RP 2017 / lk. 15-16 [http://www.ester.ee/record=b2119353\\*est](http://www.ester.ee/record=b2119353*est)

### **Bioimpedance sensing - a viable alternative for tonometry in non-invasive assessment of central aortic pressure**

Min, Mart; Annus, Paul; Kõiv, Hip; Krivošei, Andrei; Uuetoa, Tiina; Lamp, Jürgen 2017 IEEE International Symposium on Medical Measurements and Applications (MeMeA) : May 7-10, 2017, Rochester, MN, USA : proceedings papers 2017 / p. 373-378 : ill <https://doi.org/10.1109/MeMeA.2017.7985905>

### **Bio-recalcitrant pollutants removal from wastewater with combination of the Fenton treatment and biological oxidation**

Trapido, Marina; Tenno, Taavo; Goi, Anna; Dulova, Niina; Kattel, Eneliis; Klauson, Deniss; Klein, Kati; Tenno, Toomas; Viisimaa, Marika Journal of water process engineering 2017 / p. 277-282 : ill <https://doi.org/10.1016/j.jwpe.2017.02.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Biorefinery : value added chemicals [Online resource]**

Gathergood, Nicholas The Bioeconomy in Transition Workshop Gela : 25-27 May 2017, Gela, Sicily, Italy 2017 <http://www.bioeconomy-in-transition.eu/about-workshop/>

### **Biorobootik Maarja Kruusmaa paneb robotid kalade kombel ujuma**

Linnard, Henry; Kruusmaa, Maarja Õhtuleht 2017 / lk. 22-23 <https://www.oh tuleht.ee/loodus/807381/biorobootik-maarja-kruusmaa-paneb-robotid-kalade-kombel-ujuma>

### **Biotechnological advances for restoring degraded land for sustainable development**

Tripathi, Vishal; Edrisi, Sheikh Adil; Chen, Bin; Gupta, Vijai Kumar; Vilu, Raivo; Gathergood, Nicholas; Abhilash, P.C. Trends in biotechnology 2017 / p. 847-859 : ill <https://doi.org/10.1016/j.tibtech.2017.05.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Blockchain and value systems in the sharing economy : the illustrative case of backfeed [Online resource]**

Pazaitis, Alexandros; De Filippi, Primavera; Kostakis, Vasileios 2017 <http://technologygovernance.eu/files/main//2017012509590909.pdf>

### **Blockchain and value systems in the sharing economy: The illustrative case of Backfeed**

Pazaitis, Alexandros; De Filippi, Primavera; Kostakis, Vasileios Technological forecasting and social change 2017 / p. 105-115 : ill <https://doi.org/10.1016/j.techfore.2017.05.025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **1-butyl-3-methylimidazolium chloride assisted electrospinning of SAN/MWCNTs conductive reinforced composite membranes [Online resource]**

Vassiljeva, Viktoria; Krumme, Andres; Märtsen, Triin; Rikko, M.; Tarasova, Elvira; Savest, Natalja; Viirsalu, Mihkel Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>



**Book review : Nanomaterials for wastewater remediation, Ravindra Kumar Gautam and Mahesh Chandra Chattopadhyaya: Butterworth-Heinemann, 2016, 366 pages**

Rauwel, Protima MRS bulletin 2017 / p. 885–886 <https://doi.org/10.1557/mrs.2017.203>

**Book reviews: Moktefi, Amirouche & Abeles, Francine F., eds. (2016), What the Tortoise said to Achilles. Lewis Carroll's paradox of inference, special double issue of The Carrollian, The Lewis Carroll Journal, no. 28 (November 2016), 136pp, ISSN 1462 6519, also ISBN 978 0 904117 39 4**

**Bendegem, Jean Paul Van Acta Baltica historiae et philosophiae scientiarum 2017 / p. 101-105**

[http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est) [https://www.bahps.org/06\\_Bendegem-2017-1-06.pdf](https://www.bahps.org/06_Bendegem-2017-1-06.pdf)

**Borders in the Baltic Sea Region : suturing the ruptures**

2017 <http://dx.doi.org/10.1057/978-1-352-00014-6> [http://www.ester.ee/record=b4639668\\*est](http://www.ester.ee/record=b4639668*est)

**Boris Tamm : 1930-2002**

Kuslap, Voldemar Jalutuskäigud Eesti kalmistutel 2017 / lk. 127 : ill [http://www.ester.ee/record=b4699946\\*est](http://www.ester.ee/record=b4699946*est)

**BRICO 2017 : tehnikakõrgkooli tudengid esikolmikuk!**

Kamps, Mari Inseneeria 2017 / lk. 6-9 : fot [https://artiklid.elnet.ee/record=b2820573\\*est](https://artiklid.elnet.ee/record=b2820573*est)

**BRICO 2017 toob Tallinnasse seitsme riigi ehitustudengid**

Kamps, Mari Inseneeria 2017 / lk. 72-73 : ill [https://artiklid.elnet.ee/record=b2818092\\*est](https://artiklid.elnet.ee/record=b2818092*est)

**Brico pani püsti 15 terrassilda**

Mente et Manu 2017 / lk. 8 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2820628\\*est](https://artiklid.elnet.ee/record=b2820628*est)

**Bright Minds : koolinoorte äriideed on inspireeritud igapäevaelust**

**Selge, Gerli** Mente et Manu 2017 / lk. 36 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2820647\\*est](https://artiklid.elnet.ee/record=b2820647*est)

**Bright Mindsi võitjad sõidavad koos Rootsi**

**Selge, Gerli** Mente et Manu 2017 / lk. 40 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2826925\\*est](https://artiklid.elnet.ee/record=b2826925*est)

**Broadleaf deciduous forest counterbalanced the direct effect of climate on Holocene fire regime in hemiboreal/boreal region (NE Europe)**

Feurdean, Angelica; **Veski, Siim; Amon-Veskimeister, Leeli; Heinsalu, Atko; Vassiljev, Jüri** Quaternary science reviews 2017 / p.

378-390 : ill <https://doi.org/10.1016/j.quascirev.2017.05.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**B-spline based finite element method in one-dimensional discontinuous elastic wave propagation**

Kolman, Radek; Okrouhlik, M.; **Berezovski, Arkadi**; Gabriel, Dusan; Kopačka, J.; Plešek, J. Applied mathematical modelling 2017 /

p. 382-395 : ill <https://doi.org/10.1016/j.apm.2017.01.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Buildit 2017 - ehituskonverents, -võistlused ja -mess TTÜs**

Studioosus 2017 / lk. 12-13 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**BuildIT 2017 : lammutada või renoveerida? See on küsimus! : [ka Eneli Liisma ja Jarek Kurnitski ettekannetest]**

Talvik, Martin Inseneeria 2017 / lk. 48-50 : fot [https://artiklid.elnet.ee/record=b2820596\\*est](https://artiklid.elnet.ee/record=b2820596*est)

**Burden sharing and Dublin rules - challenges of relocation of asylum seekers**

**Roots, Lehte** Athens journal of law 2017 / p. 5-19 <http://www.athensjournals.gr/ajl/past/v3i1>

**Burden sharing and Dublin rules - challenges of relocation of asylum seekers**

**Roots, Lehte** Role of law, human rights and social justice, commerce, and law curriculum : selected issues 2017 / p. 47-61

**Bussi- ja autoehitusest, lisaks pisut projekteerimisest**

Tiidemann, Tiit Inseneeria 2017 / lk. 60-65 : ill [https://artiklid.elnet.ee/record=b2818086\\*est](https://artiklid.elnet.ee/record=b2818086*est)

**Bürgerkonten und das Projekt „The Once-Only Principle” [Online Ausgabe]**

**Krimmer, Robert Johannes; Fischer, Dirk-Hinnerk**; Schmidt, Carsten Public governance : Zeitschrift für öffentliches Management

2017 / p. 12–15 : ill

[https://publicgovernance.de/media/PG\\_Herbst\\_Winter\\_2017\\_Digitale%20Verwaltung\\_Behoerden\\_unter\\_Handlungsdruck.pdf](https://publicgovernance.de/media/PG_Herbst_Winter_2017_Digitale%20Verwaltung_Behoerden_unter_Handlungsdruck.pdf)

**C3-symmetric opioid scaffolds are pH-responsive DNA condensation agents**

McStay, Natasha; Molphy, Zara; Coughlan, Alan; Cafolla, Attilio; McKee, Vickie; **Gathergood, Nicholas**; Kellett, Andrew Nucleic acids research 2017 / p. 527-540 : ill <https://doi.org/10.1093/nar/gkw1097> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cabotage and sulphur regulation change : cost effects to Northern Europe**

Hilmola, Olli-Pekka Kristian; **Kiisler, Ain**; Hilletoft, Per International journal of business and systems research 2017 / p. 417-428  
<https://doi.org/10.1504/IJBSR.2017.087099> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Calcium extraction from Estonian industrial ash bashed on ammonium solvents for production of precipitated calcium carbonate**

**Tamm, Kadriann; Viies, Regiina; Žuravljova, Anastassia; Otto, Kätlin; Kuusik, Rein, keemik; Uibu, Mai** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 28-29 : ill [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

### **Calcium, Barium and Strontium apatites : a new generation of catalysts in the Biginelli reaction**

Ben Moussa, Sana; Lachheb, Jalel; Gruselle, Michel; **Maaten, Birgit; Kriis, Kadri; Kanger, Tõnis; Tõnsuaadu, Kaia**; Badraoui, Bechir Tetrahedron 2017 / p. 6542-6548 : ill <https://doi.org/10.1016/j.tet.2017.09.051> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Calculation and compliance procedures of thermal bridges in energy calculations in various European countries**

**Kuusk, Kalle; Kurnitski, Jarek; Kalamees, Targo** Energy procedia 2017 / p. 27-32 : ill <https://doi.org/10.1016/j.egypro.2017.09.626> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Can blockchain, a swiftly evolving technology, be controlled?**

**Kostakis, Vasileios**; De Filippi, Primavera; **Drechsler, Wolfgang** theconversation.com 2017 [Can blockchain, a swiftly evolving technology, be controlled?](#)

### **Can Europe prosper without the common currency? A historical perspective**

**Notermans, Antonius Johannes Hubertus** Journal of reviews on global economics 2017 / p. 129-142 : tab  
<https://doi.org/10.6000/1929-7092.2017.06.11> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Can research, development, and innovation policies cross borders? The case of Nordic-Baltic region**

**Tõnurist, Piret; Kattel, Rainer** Science and public policy 2017 / p. 1-13 : tab <https://doi.org/10.1093/scipol/scw066> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Can smart specialization and entrepreneurial discovery be organized by the government? Lessons from Central and Eastern Europe**

**Karo, Erkki; Kattel, Rainer; Cepilovs, Aleksandrs** Advances in the theory and practice of smart specialization 2017 / p. 269-292 : tab <https://doi.org/10.1016/B978-0-12-804137-6.00013-9>

### **Cancer sniffer dogs : how can we translate this peculiarity in laboratory medicine? Results of a pilot study on gastrointestinal cancers**

Panebianco, Concetta; **Kelman, Edgar; Vene, Kristel**; Gioffreda, Domenica; Tavano, Francesca; **Vilu, Raivo**; Terracciano, Fulvia; **Pata, Illar; Adamberg, Kaarel**; Andriulli, Angelo; Paziienza, Valerio Clinical chemistry and laboratory medicine (CCLM) 2017 / p. 138-146 : ill <https://doi.org/10.1515/cclm-2016-1158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Capability detection and evaluation metrics for cyber security lab exercises**

**Caliskan, Emin**; Tatar, Unal; **Bahsi, Hayretadin; Ottis, Rain; Vaarandi, Risto** Proceedings of the 12th International Conference on Cyber Warfare and Security, ICCWS 2017 2017 / p. 407-414 : ill <https://www.scopus.com/record/display.uri?eid=2-s2.0-85018944652&origin=inward&txGid=dad813d957372581ca0932bf6e4fb5d8>

### **Capital in the twenty-first century, and an alternative**

**Kostakis, Vasileios** opendemocracy.net 2017 <https://www.opendemocracy.net/en/capital-in-twenty-first-century-and-alternative/>

### **Capital investments and financing structure : are R&D companies different? [Online resource]**

**Hein, Heili; Hazak, Aaro; Männasoo, Kadri** 2017 <http://www.tutecon.eu/index.php/TUTECON/article/view/26>

### **Carbon dioxide emission factors for oxy-fuel CFBC and aqueous carbonation of the Ca-rich oil shale ash**

**Loo, Lauri; Maaten, Birgit; Konist, Alar; Siirde, Andres; Nešumajev, Dmitri; Pihu, Tõnu** Energy procedia 2017 / p. 144-149 : ill  
<https://doi.org/10.1016/j.egypro.2017.09.034> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Carbon sources influence Fumonisin production in Fusarium proliferatum**

Li, Taotao; Gong, Liang; Jiang, Guoxiang; Wang, Yong; **Gupta, Vijai Kumar**; Qu, Hongxia; Duan, Xuewu; Wang, Jiasheng; Jiang, Yueming Proteomics 2017 / art. 1700070, 15 p. : ill <https://doi.org/10.1002/pmic.201700070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A cascade of multi-scale processes shaping the signal dynamics and maintaining the energy transfer in stratified Baltic Sea basins**

**Lips, Urmas; Liblik, Taavi; Lips, Inga; Rünk, Nelli; Kikas, Villu; Laanemets, Jaan; Väli, Germa** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 15 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**A case study about the use and evaluation of cyber deceptive methods against highly targeted attacks**

**Farar, Alexandria Elaine; Bahsi, Hayretidin;** Blumbergs, Bernhards 2017 International Conference On Cyber Incident Response, Coordination, Containment and Control, Cyber Incident 2017 : London, United Kingdom, 19 June 2017 through 20 June 2017 2017 / [7] p. : ill <https://doi.org/10.1109/CYBERINCIDENT.2017.8054640>

**Case-control study on occupational exposure to extremely low-frequency electromagnetic fields and glioma risk**

Carlberg, Michael; **Koppel, Tarmo;** Ahonen, Mikko; Hardell, Lennart American journal of industrial medicine 2017 / p. 494-503 : ill <https://doi.org/10.1002/ajim.22707> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Case-study analysis of concrete large-panel apartment building at pre- and post low-budget energy-renovation**

**Kuusk, Kalle; Kalamees, Targo; Link, Siim; Ilomets, Simo; Mikola, Alo** Journal of civil engineering and management 2017 / p. 67-75 : ill <https://doi.org/10.3846/13923730.2014.975741> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Catalysts derived from sustainable natural and value added alkaloids from poppies [Online resource]**

**Silm, Estelle; Kanger, Tõnis; Gathergood, Nicholas** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmdtk.ut.ee/teesid/>

**Catalyzed resolution and simultaneous selective crystallization**

Parve, Jaan; Vares, Lauri; Reile, Indrek; Pehk, Tõnis; Villo, Ly; **Parve, Omar** Comprehensive organic chemistry experiments for the laboratory classroom 2017 / p. 931-934 [http://www.ester.ee/record=b4666270\\*est](http://www.ester.ee/record=b4666270*est)

**Catalytic ozonation of trimethoprim in aqueous solution by in situ generated hydrous manganese oxide**

**Goi, Anna; Bolobajev, Juri** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 330 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**CD44 is a negative regulator of angiogenesis and endothelial cell proliferation**

**Pink, Anne; Školnaja, Marianna; Päll, Taavi; Valkna, Andres** 7eme congres de la Societe Francaise d'Angiogenese : Toulouse, 23-25 Avril 2017 = 7th meeting of the French Angiogenesis Society : Toulouse, 23-25 April 2017 2017 / p. 59

**CEDEX : a certified blockchain based diamond exchange : transforming diamonds into a new asset class : white paper [Online resource]**

**Norta, Alexander;** Levi, Saar; Priewer, Ronen; Kif, Evgeni 2017 <https://cedex.com/img/Whitepaper.pdf>

**Cell-level power supply for high-voltage modular multilevel converters [Electronic resource]**

**Blinov, Andrei;** Norrga, Staffan; Tibola, Gabriel; Velotto, Giovanni 19th European Conference on Power Electronics and Application : EPE'17 ECCE Europe : September 11-14, 2017, Warsaw, Poland 2017 / p. P1-P10 : ill. [USB] <https://doi.org/10.23919/EPE17ECCEurope.2017.8099361>

**Central decisions, decentralized solutions : comparing the implications of central cutback policy for the agency level in Estonia and Latvia**

**Savi, Riin; Cepilovs, Aleksandrs** Journal of comparative policy analysis : research and practice 2017 / p. 139-154 : tab <https://doi.org/10.1080/13876988.2015.1126946> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Challenges and solutions in construction of Tallinn-Tartu highway over peat deposits**

Dettenborn, Taavi; Forsman, Juha; Skepast, Peeter; **Ellmann, Artu** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / 10 p. : ill [Challenges and solutions...](#)

**Challenges in the e-health regulatory policy [Online resource]**

**Sogomonjan, Melita; Kerikmäe, Tanel** 5th International Conference of PhD Students and Young Researchers : How Deep is your Law? Brexit. Technologies. Modern Conflicts : conference papers : 27-28 April 2017, Vilnius University Faculty of Law, Vilnius, Lithuania 2017 / p. 367-375 <http://lawphd.net/wp-content/uploads/2014/09/International-Conference-of-PhD-students-and-young-researchers-2017.pdf>

**Changing public service delivery : learning in co-creation**

Voorberg, William; Bekkers, Victor; Timeus, Krista; **Tõnurist, Piret;** Tummers, Lars Policy and Society 2017 / p. 178-194 : ill <https://doi.org/10.1080/14494035.2017.1323711> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characteristics and inter-annual changes in temperature, salinity and density distribution in the Gulf of Riga**

**Skudra, Maris; Lips, Urmas** Oceanologia 2017 / p. 37-48 : ill <https://doi.org/10.1016/j.oceano.2016.07.001> [Journal metrics at Scopus](#)

**Characterization of a recombination hotspot in wheat using flow-sorted pollen nuclei and digital PCR**

Abrouk, Michael; Zwyrtkova, Jana; Christelova, Pavla; **Jakobson, Irena; Järve, Kadri** International Plant & Animal Genome XXV : January 14-18, 2017, San Diego, CA, USA : [poster abstracts] 2017 / poster P0843, p. [230-231] <http://www.intpag.org/2017/113-newsroom/news-xxv/295-pag-xxv-links>

**Characterization of cider fermentation in fresh apple juice and apple juice concentrate [Online resource]**

**Rosend, Julia; Kuldjäär, Rain; Nisamedtinov, Ildar** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

**Characterization of protein-protein interfaces in large complexes by solid-state NMR solvent paramagnetic relaxation enhancements**

Öster, Carl; Kosol, Simone; Hartlmüller, Christoph; Lamley, Jonathan M.; Iuga, Dinu; **Oss, Andres; Org, Mai-Liis; Vanatalu, Kalju; Samoson, Ago**; Madl, Tobias; Lewandowski, Jozef R. Journal of the American Chemical Society 2017 / p. 12165-12174 : ill <https://doi.org/10.1021/jacs.7b03875> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Characterization of TBEV natural foci in Estonia**

**Värv, Kairi**; Remm, Jaanus; Geller, Julia; **Vikentjeva, Maria**; Lundkvist, Ake; Golovljova, Irina 8th European Meeting on Viral Zoonoses, St Raphael, France, 22-25.October, 2017 : program and abstracts 2017 / p. 73 [http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ\\_Scientific\\_Programme\\_171017.pdf](http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ_Scientific_Programme_171017.pdf)

**Characterization of thermally treated anatase TiO<sub>2</sub> supplemented by oxygen adsorption measurements**

**Kritševskaja, Marina**; Moiseev, Anna; Weber, Alfred; Deubener, Joachim 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 124 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

**Chemical vapour deposition of graphene coating onto ceramic nanofibers substrates and applications thereof = Grafeenpinde keemiline aursadestus keraamilistele nanokiududele ja nende kasutus**

**Ivanov, Roman** 2017 <https://digi.lib.ttu.ee/i/?9128>

**Chervyakov, N.I., Kolyada, A.A., Lyakhov, P.A., Babenko, M.G., Lavrinenko, I.N., Lavrinenko, A.V. Modular arithmetic and its applications in info-communication technologies : [review]**

**Henno, Jaak** Zentralblatt MATH 2017 / [1] p <https://zbmath.org/?q=06821021>

**Chiral hemicucurbit[8]uril as an anion receptor : selectivity to size, shape and charge distribution**

**Kaabel, Sandra**; Adamson, Jasper; Topic, Filip; **Öeren, Mario; Reimund, Mart; Prigorchenko, Elena; Löökene, Aivar; Aav, Riina** Chemical science 2017 / p. 2184-2190 : ill <https://doi.org/10.1039/C6SC05058A> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Chiral hemicucurbit[8]uril complexation with anionic guests : an NMR titration and variable temperature NMR study**

Adamson, Jasper; **Kaabel, Sandra; Prigorchenko, Elena**; Reich, Hans J.; Rissanen, Kari; **Aav, Riina** SMASH 2017 : Conference Program, September 17th-20th 2017, Baveno, Italy 2017 / p. 117-1250 : ill

**Chiral ionic liquids : effect of symmetry and stereochemistry on toxicity and biodegradation**

**Gathergood, Nicholas** Symmetry : culture and science 2017 / p. 179-182 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

**Chiral molecular containers hemicucurbiturils - are they symmetric or asymmetric?**

**Aav, Riina** Symmetry : culture and science 2017 / p. 167-170 : ill <http://journal-scs.symmetry.hu/content-pages/volume-28-number-2-pages-161-240-2017/>

**Chitinozoan response to a gigantic Late Ordovician volcanic ash fall recorded in northern Estonia**

**Hints, Olle; Bauert, Garmen; Grigorjeva, Irina; Nõlvak, Jaak**; Meidla, Tõnu; Perrier, Vincent 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 34-35 [http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstacts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstacts_and_Field_Guide.pdf)

**Chromatographic analysis of cyclohexano-substituted hemicucurbiturils and characterization of their intermediates with mass spectrometry = Tsükloheksaano-asendatud hemikukurbituriilide kromatograafiline analüüs ning nende vaheühendite mass-spektromeetiline iseloomustamine**

**Fomitšenko, Maria** 2017 [http://www.ester.ee/record=b4748237\\*est](http://www.ester.ee/record=b4748237*est) <https://digi.lib.ttu.ee/i/?9122>

**Circulation centrifugal pump with variable speed drives and minimal electricity consumption**

**Vodovozov, Valery; Gevorkov, Levon; Raud, Zoja** 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 / p. 334-339 : ill <http://dx.doi.org/10.1109/CPE.2017.7915193>



**Classification of benthic biocenoses of the lowland river Tudovka (Tver region, Russia) using community features**  
Schletterer, Martin; Füreder, Leopold; Kuzovlev, Vyacheslav V.; Zhenikov, Yuri N.; **Fuentes-Pérez, Juan Francisco**; **Tuhtan, Jeffrey Andrew** Geography, environment, sustainability 2017 / p. 40-56 : ill <https://doi.org/10.24057/2071-9388-2017-10-2-40-56> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Classification of cross-sections for vascular skeleton extraction using convolutional neural networks**  
Lidayová, Kristína; **Gupta, Anindya**; Frimmel, Hans; Sintorn, Ida-Maria; Bengtsson, Ewert; Smedby, Örjan Medical Image : Understanding and Analysis, 21st Annual Conference, MIUA 2017 Edinburgh, UK, July 11–13, 2017 : Proceedings 2017 / p. 182-194 [https://doi.org/10.1007/978-3-319-60964-5\\_16](https://doi.org/10.1007/978-3-319-60964-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Classifying the ice seasons 1982-2016 using the weighted ice days number as a new winter severity characteristic**  
**Rjazin, Jevgeni**; **Alari, Victor**; **Pärn, Ove** EUREKA : physics and engineering 2017 / p. 49-56 : ill <http://dx.doi.org/10.21303/2461-4262.2017.00364>

**Cluster approach in organization of transportation in the Baltic Sea Region**  
**Nežerenko, Olga**; **Koppel, Ott**; **Tuisk, Tarmo** Transport 2017 / p. 167-179 : ill <https://doi.org/10.3846/16484142.2014.994225> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**CMEMS Baltic Monitoring and Forecasting Centre : high-resolution wave forecasts in the seasonally ice-covered Baltic Sea [Online resource]**  
Tuomi, Laura; Vähä-Piikkiö, Olga; Siili, T.; **Alari, Victor** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 36 [http://eurogoos.imr.no/resources/EuroGOOS\\_Conference\\_2017\\_BoA.pdf](http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf)

**Co-creating an Open Government Data Driven Public Service : the case of Chicago's Food Inspection Forecasting Model [Online resource]**  
**McBride, Keegan David Braun**; **Aavik, Gerli**; **Kalvet, Tarmo**; **Krimmer, Robert Johannes** 2017 <http://technologygovernance.eu/files/main/2017092108151515.pdf>

**Coin Hoard from Varudi – Vanaküla. Questions and Answers in Conservation**  
Viljus, Aive; **Viljus, Mart** International journal of conservation science 2017 / p. 599–606 : ill [http://www.ijcs.uaic.ro/public/IJCS-17-57\\_Viljus.pdf](http://www.ijcs.uaic.ro/public/IJCS-17-57_Viljus.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Collaborative work between human and industrial robot in manufacturing by advanced safety monitoring system**  
**Kuts, Vladimir**; **Sarkans, Martinš**; **Otto, Tauno**; **Tähemaa, Toivo** Annals of DAAAM for 2017 and proceedings of the 28th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 8-11 November 2017, Zadar, Croatia 2017 / p. 0996-1001 : ill <https://dx.doi.org/10.2507/28th.daaam.proceedings.138>

**Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017**  
2017 [http://www.ester.ee/record=b4658990\\*est](http://www.ester.ee/record=b4658990*est)

**Combination of pedagogical strategies and teaching techniques for teaching computer science basics to novices = Pedagoogika strateegiate ja õpetamise tehnikate kombinatsioon informaatika algkursuse õpetamisel algajatele**  
**Mironova, Olga** 2017 <https://digi.lib.ttu.ee/ii/?8745> [https://www.ester.ee/record=b4696923\\*est](https://www.ester.ee/record=b4696923*est)

**Combined deterministic algorithm and metaheuristic technique for fast and accurate resolution of optimization problems**  
Martin, Florian; Aydin, Ugur; Sundaria, Ravi; Rasilo, Paavo; **Belahcen, Anouar** 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 2017 / p. 3-4 : ill <http://www.compumag.org/CMAG2017/OA1-2/131.pdf>

**Combined model of smart cities and electronic payments**  
**Soe, Ralf-Martin**; **Mikheeva, Olga** Proceedings of the 7th International Conference for E-Democracy and Open Government CeDEM17 : Danube University Krems, Krems, Austria, 17-19 May 2017 2017 / p. 194-205 : ill <https://doi.org/10.1109/CeDEM.2017.11>

**Combined treatment of pyrogenic wastewater from oil shale retorting**  
Klein, Kati; **Kattel, Eneliis**; **Goi, Anna**; Kivi, Arthur; **Dulova, Niina**; Saluste, Alar; Zekker, Ivar; **Trapido, Marina**; Tenno, Taavo Oil shale 2017 / p. 82-96 : ill <https://doi.org/10.3176/oil.2017.1.06> [https://artiklid.elnet.ee/record=b2816468\\*est](https://artiklid.elnet.ee/record=b2816468*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Combustion of fuel mixtures in oil shale fired CFBC and PC boilers**  
**Pihu, Tõnu**; **Konist, Alar**; **Nešumajev, Dmitri**; **Loo, Lauri** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 24-25 [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

**Committee on Marine Sciences**  
**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 43-47



### **Commons transition and P2P : a primer**

Bauwens, Michel; **Kostakis, Vasileios**; Troncoso, Stracco; Utratel, Ann Marie 2017 [https://www.tni.org/files/publication-downloads/commons\\_transition\\_and\\_p2p\\_primer\\_v9.pdf](https://www.tni.org/files/publication-downloads/commons_transition_and_p2p_primer_v9.pdf)

### **Commons transition and peer-to-peer : a primer [Online resource]**

Bauwens, Michel; **Kostakis, Vasileios**; Troncoso, Stracco; Utratel, Ann Marie 2017 <http://commonstransition.org/commons-transition-p2p-primer/>

### **Communication challenges in on-body and body-to-body wearable wireless networks - a connectivity perspective**

Ben Arbia, Dhafer; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick**; Hamida, Elyes Ben Technologies 2017 / art. 43, p.1-18 : ill <https://doi.org/10.3390/technologies5030043> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Comparative analyses of processed wood waste reuse possibilities after chemical delignification treatment**

M'hamdi, Asmae Ismaili; **Gušča, Julija**; Blumberga, Dagnija; Zerouale, Abdelaziz; Kandri, Nouredine Idrissi Energy procedia 2017 / p. 289-296 : ill <http://dx.doi.org/10.1016/j.egypro.2017.04.068>

### **Comparative analysis of qZS-based bidirectional DC-DC converter for storage energy application**

Matiushkin, Oleksandr; **Husev, Oleksandr**; Tytelmaier, Kostiantyn; Kroics, Kaspars; Veligorskyi, Oleksandr; Zakis, Janis Technological Innovation for Smart Systems : 8th IFIP WG 5.5/SOCOLNET Advanced Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2017, Costa de Caparica, Portugal, May 3–5, 2017 : proceedings 2017 / p. 409-418 [http://dx.doi.org/10.1007/978-3-319-56077-9\\_40](http://dx.doi.org/10.1007/978-3-319-56077-9_40)

### **Comparative analysis of two methods for evaluating wear rate of nanocrystalline diamond films**

**Bogatov, Andrei**; **Yashin, Maxim**; **Viljus, Mart**; Menezes, Pradeep; **Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 345-350 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.345> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative analysis of wear rates of microcrystalline diamond and diamond-like carbon coatings deposited on WC-Co substrates**

**Yashin, Maxim**; **Bogatov, Andrei**; **Podgurski, Vitali** Engineering materials and tribology XXV 2017 / p. 436-440 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.436> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Comparative measurement of cardiac cycle by means of different sensors**

**Priidel, Eiko**; **Land, Raul**; **Sinivee, Veljo**; **Annus, Paul**; **Min, Mart** 2017 Electronics : proceedings of the 21st International Conference : June 19th-21st, 2017, Palanga, Lithuania 2017 / [5] p. : ill <https://doi.org/10.1109/ELECTRONICS.2017.7995221>

### **Comparative study of adhesive wear for CoCr, TiC-NiMo, WC-Co as potential FSW tool materials**

**Kolnes, Mart**; **Kübarssepp, Jakob**; **Sergejev, Fjodor**; **Kolnes, Märt** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 224-228 : ill <https://doi.org/10.4028/www.scientific.net/SSP.267.224> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate by spray pyrolysis**

**Eensalu, Jako Siim**; **Krunks, Malle**; **Gromöko, Inga**; **Katerski, Atanas**; **Mere, Arvo** Energetika 2017 / p. 46-55 : ill <https://doi.org/10.6001/energetika.v63i2.3519> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A comparative study on physical properties of Al-doped zinc oxide thin films deposited from zinc acetate and zinc acetylacetonate solutions by spray pyrolysis**

**Eensalu, Jako Siim**; **Krunks, Malle**; **Gromöko, Inga**; **Katerski, Atanas**; **Mere, Arvo** The 14th International Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, May 25-26, 2017 2017 / p. X-332 [http://cyseni.com/archives/proceedings/Proceedings\\_of\\_CYSENI\\_2017.pdf](http://cyseni.com/archives/proceedings/Proceedings_of_CYSENI_2017.pdf)

### **Comparison of dehydration in kaolin and illite using DC conductivity measurements**

Kubliha, Marian; Trnovcova, Viera; Ondruška, Jan; Štuba, Igor; Bošak, Ondrej; **Kaljuvee, Tiit** Applied clay science 2017 / p. 8–12 : ill <https://doi.org/10.1016/j.clay.2017.08.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of different advanced oxidation processes for sulphamethizole degradation : process applicability study at mg L-1 level and scale-down to µg L-1 level**

**Klauson, Deniss**; Grimm, F.; **Pronina, Natalja**; **Viisimaa, Marika**; **Dulova, Niina** 5th European Conference on Environmental Applications of Advanced Oxidation Processes (EAAOP5) : book of abstracts 2017 / p. 401 [https://photo-catalysis.org/events/901/photo/book\\_of\\_proceedings\\_eaaop5\\_prague.pdf](https://photo-catalysis.org/events/901/photo/book_of_proceedings_eaaop5_prague.pdf)

### **Comparison of measured fiber orientation in fiber concrete with predictions by CFD simulations**

**Herrmann, Heiko**; **Goidyk, Oksana**; **Braunbrück, Andres**; **Marjapuu, Rasmus-Richard**; **Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 1245-1246 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

### **Comparison of performance of phase-shift and asymmetrical pulse width modulation techniques for the novel**

### **galvanically isolated buck-boost dc-dc converter for photovoltaic applications**

**Vinnikov, Dmitri; Chub, Andrii; Kosenko, Roman; Zakis, Janis; Liivik, Elizaveta** IEEE journal of emerging and selected topics in power electronics 2017 / p. 624-637 : ill <https://doi.org/10.1109/JESTPE.2016.2631628> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparison of system identification methods applied to analysis of inter-area modes [Online resource]**

**Tuttelberg, Kaur; Kilter, Jako; Uhlen, Kjetil** Proceedings of IPST 2017 2017 / art. 17IPST121, p. 1-6 : ill [http://www.ipstconf.org/Proc\\_IPST2017.php](http://www.ipstconf.org/Proc_IPST2017.php)

### **Comparison of time-varying phasor and dq0 dynamic models for large transmission networks**

**Belikov, Juri; Levron, Yoash** International journal of electrical power & energy systems 2017 / p. 65-74 <https://doi.org/10.1016/j.ijepes.2017.05.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Competence based learning - framework, implementation, analysis and management of learning process =**

**Kompetentsipõhine õpe - raamistik, implementatsioon, analüüs ja õppeprotsessi juhtimine**

**Umbleja, Kadri** 2017 <https://digi.lib.ttu.ee/ii/?7573> [https://www.ester.ee/record=b4670803\\*est](https://www.ester.ee/record=b4670803*est)

### **Competence-based approach in the education reforms of Lithuania and Estonia**

**Tutlys, Vidmantas; Aarna, Olav** Competence-based vocational and professional education : bridging the worlds of work and education 2017 / p. 381-406 [https://doi.org/10.1007/978-3-319-41713-4\\_18](https://doi.org/10.1007/978-3-319-41713-4_18)

### **Competitiveness analysis of regional airports based on location planning models : the case study of Finland**

**Pashkevich, Anton; Nõmmik, Allan; Antov, Dago** Transport means 2017 : proceedings of the international scientific conference : part III 2017 / p. 754-761 : ill [https://www.dropbox.com/sh/7sjhe2ln3e3qin6/AABBI1Gbrf0\\_t8IM7Kho8KmVa?dl=0&preview=Transport+mens+2017+\(Part+3\).pdf](https://www.dropbox.com/sh/7sjhe2ln3e3qin6/AABBI1Gbrf0_t8IM7Kho8KmVa?dl=0&preview=Transport+mens+2017+(Part+3).pdf) [Competitiveness analysis of regional airports based on location planning models](#)

### **Complete nucleotide sequence of Solanum nodiflorum mottle virus**

**Sõmera, Merike; Truve, Erkki** Archives of virology 2017 / p. 1731-1736 : ill <https://doi.org/10.1007/s00705-017-3273-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comprehensive analysis of proteolysis in cheese [Online resource]**

**Taivosalo, Anastassia; Kriščiunaite, Tiina; Seiman, Andrus; Part, Natalja; Stulova, Irina; Vilu, Raivo** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

### **A comprehensive methodology for stress procedures evaluation and comparison for Burn-In of automotive SoC**

**Appello, D.; Bernardi, P.; Giacobelli, G.; Ruberg, Priit** Proceedings of the 2017 Design, Automation & Test in Europe (DATE) : 27-31 March 2017, Swisstech, Lausanne, Switzerland 2017 / p. 646-649 : ill <https://doi.org/10.23919/DATE.2017.7927068>

### **Comprehensive performance and robustness analysis of 2D turn models for network-on-chips**

**Azad, Siavoosh Payandeh; Niazmand, Behrad; Janson, Karl; Kogge, Thilo; Raik, Jaan; Jervan, Gert; Hollstein, Thomas** 2017 IEEE International Symposium on Circuits and Systems (ISCAS) 2017 / p. 1476-1479 : ill <https://doi.org/10.1109/ISCAS.2017.8050634> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A comprehensive review on biological properties of citrinin**

**Oliveira Filho, José Williams Gomes de; Islam, Muhammad Torequl; Ali, Eunus S.; Uddin, Shaikh Jamal; de Oliveira Santos, Jose Victor; Oliveira Barros de Alencar, Marcus Vinicius; Gomes, Antonio Luiz, Júnior; Paz, Márcia Fernanda Correia Jardim; Dos Remédios Mendes De Brito, Maria; Gupta, Vijai Kumar** Food and chemical toxicology 2017 / p. 130-141 : ill <https://doi.org/10.1016/j.fct.2017.10.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Compressibility of surface flows under the combined effect of currents and winds**

**Giudici, Andrea; Kalda, Jaan; Soomere, Tarmo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 47 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

### **Computation of hysteresis torque and losses in a bearingless synchronous reluctance machine**

**Belahcen, Anouar; Mukhrejee, Victor; Martin, Florian; Rasilo, Paavo** 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 2017 / p. 214-215 : ill [http://www.compumag.org/CMAG2017/\[PA-A5-10\]\\_129.pdf](http://www.compumag.org/CMAG2017/[PA-A5-10]_129.pdf)

### **Computation of magnetic forces using degenerated air-gap element**

**Sathyan, Sabin; Belahcen, Anouar; Kataja, Juhani; Henrotte, Francois; Benabou, Abdelkader; Le Menach, Yvonnick** IEEE transactions on magnetics 2017 / 7401304, 4 p. : ill <https://doi.org/10.1109/TMAG.2017.2656239>

### **A computational approach for rational monomer selection in molecularly imprinted polymer synthesis = Monomeeride valiku protsessi modelleerimine optimaalse monomeeri leidmiseks molekulaarselt jäljendatud polümeeride sünteesil**

**Boroznjak, Roman** 2017 <https://digi.lib.ttu.ee/ii/?7629>

**The computational approach for rational monomer selection in molecularly imprinted polymer synthesis [Online resource]**

**Boroznjak, Roman; Lomaka, Andre; Sõritski, Vitali; Reut, Jekaterina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

**A computational approach to study functional monomer-protein molecular interactions to optimize protein molecular imprinting**

**Boroznjak, Roman; Reut, Jekaterina; Tretjakov, Aleksei; Lomaka, Andre; Öpik, Andres; Sõritski, Vitali** Journal of molecular recognition 2017 / art. e2635, p. 1-9 : ill <https://doi.org/10.1002/jmr.2635> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Computational intelligence approach for estimation of vehicle insurance risk level**

**Vassiljeva, Kristina; Tepļakov, Aleksei; Petlenkov, Eduard; Netšajev, Eduard** 2017 International Joint Conference on Neural Networks (IJCNN 2017) : Anchorage, Alaska, USA, 14-19 May 2017 / p. 4073-4078 : ill <https://doi.org/10.1109/IJCNN.2017.7966370> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Computational method for variable objectives and context aware solar envelopes generation**

**De Luca, Francesco; Voll, Hendrik** 2017 Proceedings of the Symposium on Simulation for Architecture and Urban Design 2017 / p. 335-342 : ill <http://resolver.tudelft.nl/uuid:4857e388-c354-47a3-9671-0bd8038f76bc>

**A concept to assess the economic importance of the on-site activities of ETICS**

**Sulakatko, Virgo; Vogdt, Frank U.; Lill, Irene** World Academy of Science, Engineering and Technology. International journal of civil, environmental, structural, construction and architectural engineering 2017 / p. 518-522 : ill <http://scholar.waset.org/1999.3/10007384>

**Condition of common deformations in screws and ball screws**

**Penkov, Igor** 2017 <https://www.lap-publishing.com>

**Conformity analysis of e-learning systems at largest universities in Estonia and Turkey on the basis of EES model = Eesti ja Türgi suuremate ülikoolide e-õppe süsteemide võrdlev analüüs EES-mudeli baasil**

**Güllü, Fatih** 2017 <https://digi.lib.ttu.ee/i/?8210> [https://www.ester.ee/record=b4685404\\*est](https://www.ester.ee/record=b4685404*est)

**Conodont biostratigraphy of the Oandu Stage (Katian, Upper Ordovician) in NE Estonia**

**Männik, Peep** Estonian journal of earth sciences 2017 / p. 1-12 : ill <https://doi.org/10.3176/earth.2017.02> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Conodonts in Silurian hypersaline environments : specialized and unexpectedly diverse**

Jarochowska, Emilia; **Viira, Viive**; Einasto, Rein; Nawrot, Rafal; Bremer, Oskar; **Männik, Peep**; Munnecke, Axel Geology 2017 / p. 3-6 : ill <https://doi.org/10.1130/G38492.1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Conquering the new challenges faced**

**Müürsepp, Peeter** Acta Baltica historiae et philosophiae scientiarum 2017 / p. 3-4 [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est) [https://www.bahps.org/00\\_Muursepp-2017-2-00.pdf](https://www.bahps.org/00_Muursepp-2017-2-00.pdf)

**Consommation, identité et intégration en Estonie et en Lettonie**

**Polese, Abel**; Seliverstova, Oleksandra; Cheskin, Ammon; Perchoc, Philippe Les incommuncations européennes 2017 / p. 141-150 <https://www.cairn.info/revue-hermes-la-revue-2017-1-p-141.htm>

**Constrained algorithm for the selection of uneven snapshots in model order reduction of a bearingless motor**

**Mukherjee, Victor; Far, Mehrnaz Farzam; Martin, Florian; Belahcen, Anouar** IEEE transactions on magnetics 2017 / art. 7205304, 4 p. : ill <http://dx.doi.org/10.1109/TMAG.2017.2664505>

**Constraints of radiocarbon dating in southeastern Baltic lagoons : assessing the vital effects**

Bitinas, Albertas; Mažeika, Jonas; Buynevich, Ilya; Damušyte, Aldona; **Molodkov, Anatoli**; Grigienė, Alma Coastline changes of the Baltic Sea from south to east : past and future projection 2017 / p. 137-171 [https://doi.org/10.1007/978-3-319-49894-2\\_8](https://doi.org/10.1007/978-3-319-49894-2_8) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Constructing narratives through story telling: A study of refugees in Estonia**

**Islam, Aminul** Anthropological notebooks 2017 / p. 67-81 [http://www.drustvo-antropologov.si/AN/PDF/2017\\_2/Antropological\\_Notebooks\\_XXIII\\_2\\_Islam.pdf](http://www.drustvo-antropologov.si/AN/PDF/2017_2/Antropological_Notebooks_XXIII_2_Islam.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Consumer acceptance on the sensory characteristics and naturality of dry and medium dry apple ciders available on Estonian market [Online resource]**

**Kuldjär, Rain**; Koppel, Kadri Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fmtdk.ut.ee/teesid/>

### **Container combinatorics : monads and lax monoidal functors**

**Uustalu, Tarmo** Topics in Theoretical Computer Science : Second IFIP WG 1.8 International Conference, TTCS 2017, Tehran, Iran, September 12-14, 2017 : proceedings 2017 / p. 91-105 : ill [https://doi.org/10.1007/978-3-319-68953-1\\_8](https://doi.org/10.1007/978-3-319-68953-1_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Contemporary trends and challenges in finance : proceedings from the 2nd Wroclaw International Conference in Finance**

2017 [http://www.estser.ee/record=b4688604\\*est](http://www.estser.ee/record=b4688604*est) <https://link.springer.com/book/10.1007/978-3-319-54885-2> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Control features of multicell-type current regulator for resistance welding**

Verbytskyi, Ievgen; Bondarenko, Oleksandr; **Liivik, Elizaveta** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [5] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124846>

### **Controlled nanocrystalline precipitation of hydroxyapatite on the surface of microfibrillated cellulose fibers**

**Kärner, Kärt; Elomaa, Matti Antero; Kallavus, Urve; Tõnsuaadu, Kaia** International journal of recent scientific research 2017 / p. 20803-20809 : ill <http://recentscientific.com/sites/default/files/8807-A-2017.pdf>

### **Controller design for interleaved bidirectional dc-dc converter with coupled inductors**

Tytelmaier, Kostiantyn; **Husev, Oleksandr**; Veligorskyi, Oleksandr; Khomenko, Maksym; Khomenko, Oleh 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 570-573 : ill <https://doi.org/10.1109/UKRCON.2017.8100306>

### **Controlling a battery energy storage system to support residential photovoltaic installations**

Fernao Pires, Vitor; Martins, Joao; Roncero-Clemente, Carlos; Romero-Cadaval, Enrique; **Husev, Oleksandr** 2017 IEEE International Symposium on Industrial Electronics (ISIE) : Edinburgh International Conference Centre, Edinburgh, Scotland, United Kingdom, 19-21 June, 2017 : proceedings 2017 / p. 1769-1774 : ill <https://doi.org/10.1109/ISIE.2017.8001516>

### **Convolutional neural networks for false positive reduction of automatically detected cilia in low magnification TEM images**

**Gupta, Anindya**; Suveer, Amit; Lindblad, Joakim; Dragomir, Anca; Sintorn, Ida-Maria; Sladoje, Nataša Image Analysis, 20th Scandinavian Conference, SCIA 2017, Tromsø, Norway, June 12-14, 2017 : proceedings, Part I 2017 / p. 407-418 : ill [https://doi.org/10.1007/978-3-319-59126-1\\_34](https://doi.org/10.1007/978-3-319-59126-1_34) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cooperative business structures for green transport corridors**

**Prause, Gunnar Klaus; Hoffmann, Thomas** Baltic journal of European studies 2017 / p. 3-27 [http://www.estser.ee/record=b2675037\\*est](http://www.estser.ee/record=b2675037*est) <https://doi.org/10.1515/bjes-2017-0008> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Co-operativism in the digital era or how to form a global counter-economy**

**Kostakis, Vasileios; Bauwens, Michel** opendemocracy.net 2017 [Co-operativism in the Digital Era or How to Form a Global Counter-economy](#)

### **Copper(I)-binding properties of de-coppering drugs for treatment of Wilson disease**

**Smirnova, Julia; Kabin, Ekaterina; Järving, Ivar; Tõugu, Vello; Plitz, T.; Palumaa, Peep** The FEBS journal 2017 / p. 337 <https://doi.org/10.1111/febs.14174>

### **Correlation of gc-o and sensory data of Finnish honeys - methods and challenges**

**Rosenvald, Sirli**; Kortseniemi, M.; Laaksonen, O.; Ollikka, T.; **Vene, Kristel**; Yang, Baoru 12th Pangborn Sensory Science Symposium : 20-24 August 2017, Rhode Island Convention Center, Providence, Rhode Island, USA 2017 / p. [P2.3.16]

### **Correlation of GC-O and sensory data of Finnish honeys - overview of statistical methods [Online resource]**

**Rosenvald, Sirli**; Yang, Baoru Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

### **Corrosive effects of H2S and NH3 on natural gas piping systems manufactured of carbon steel**

**Latõšov, Eduard; Maaten, Birgit; Loorits, Mihkel; Volkova, Anna; Soosaar, Sulev** Energy procedia 2017 / p. 316-323 <https://doi.org/10.1016/j.egypro.2017.08.319> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Cost accounting in European countries**

**Raudla, Ringa**; Douglas, James W. Cost accounting in government : theory and applications 2017 / p. 115-132 : ill [http://www.estser.ee/record=b4656745\\*est](http://www.estser.ee/record=b4656745*est)

### **Cost-benefit analysis of nZEB energy efficiency strategies with on-site photovoltaic generation**

**Pikas, Ergo; Kurnitski, Jarek; Thalfeldt, Martin**; Koskela, Lauri Energy 2017 / p. 291-301 : ill <https://doi.org/10.1016/j.energy.2017.03.158> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



### **Cost-effective energy and indoor climate renovation of Estonian residential buildings**

**Kalamees, Targo; Kuusk, Kalle; Arumägi, Endrik; Alev, Üllar** Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies 2017 / p. 405-454 : ill [http://www.ester.ee/record=b4674305\\*est](http://www.ester.ee/record=b4674305*est) <https://doi.org/10.1016/B978-0-08-101128-7.00015-0>

### **Cost-effective energy-efficient building retrofitting : materials, technologies, optimization and case studies**

2017 [http://www.ester.ee/record=b4674305\\*est](http://www.ester.ee/record=b4674305*est) <https://www.sciencedirect.com/science/book/9780081011287>

### **Covering algorithms for a robot swarm with limited information = Katvusalgoritmid piiratud teadmusbaasiga robotiparvede jaoks**

**Puusepp, Andres** 2017 <https://digi.lib.ttu.ee/i/?9124> [https://www.ester.ee/record=b4694737\\*est](https://www.ester.ee/record=b4694737*est)

### **Creating shared service centers for public sector accounting : the case of Estonia = [Raamatupidamiskeskuste loomine avalikus sektoris : Eesti näide]**

**Tammel, Kaide** 2017 <https://digi.lib.ttu.ee/i/?7400> [https://www.ester.ee/record=b4665020\\*est](https://www.ester.ee/record=b4665020*est)

### **Critics of the Catalan independence process and Catalan political nationalism**

**Ramiro Troitino, David; Chochia, Archil; Kerikmäe, Tanel** European Union : political, economic and social issues 2017 / p. 77-98

### **Croatian international relations review**

2017 [https://hrcak.srce.hr/index.php?show=toc&id\\_broj=15038](https://hrcak.srce.hr/index.php?show=toc&id_broj=15038)

### **Cross-laminated timber : Standard fire design model : expert meeting [Online resource]**

2017 <https://ethz.ch/content/dam/ethz/special-interest/baug/ibk/costfp1404-dam/documents/2018/N234-02-ProceedingsExpertMeetingKoeschingWG2TG1.pdf>

### **CROW2 : Internet of humans-based platform for disaster relief and emergency communication**

**Ben Arbia, Dhafer; Alam, Muhammad Mahtab; Attia, Rabah; Ben Hamida, Elyes; Kadri, Abdullah** 14th IEEE Annual Consumer Communications & Networking Conference, CCNC 2017 : Las Vegas, NV, USA, January 8-11, 2017 2017 / p. 578-579 : ill <https://doi.org/10.1109/CCNC.2017.7983174>

### **Cryo-protective effect of an ice-binding protein derived from Antarctic bacteria**

**Mangiagalli, Marco; Bar-Dolev, Maya; Tedesco, Pietro; Natalello, Antonino; Kaleda, Aleksei** The FEBS journal 2017 / p. 163-177 : ill <https://doi.org/10.1111/febs.13965> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at Scopus](#)

### **Crystallization of host-guest complexes with a chiral hemicucurbit[8]uril**

**Kaabel, Sandra; Topic, Filip; Aav, Riina; Rissanen, Kari** 23rd International Conference on the Chemistry of the Organic Solid State (ICCOSS-XXIII), Stellenbosch, South Africa, April 2nd to 7th, 2017 2017 / P-28, p. 109 : ill <https://docplayer.net/51737571-icross-xxiii-stellenbosch-south-africa-contents-message-from-the-chair-of-the-organising-committee-2-previous-icross-meetings-3-committees-4.html>

### **Cucurbiturils : synthesis, structures, formation mechanisms, and nomenclature**

**Aav, Riina; Kaabel, Sandra; Fomitšenko, Maria** Comprehensive supramolecular chemistry II. Vol. 3, Supramolecular receptors 2017 / p. 203-220 : ill <https://doi.org/10.1016/B978-0-12-409547-2.12514-4>

### **Currents of the Gulf of Finland: instrumental measurements and numerical hydrodynamic modeling**

**Sukhachev, V.; Zakharchuk, E.; Lips, Urmas; Tikhonova, N.; Suhhova, Irina** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 62 [https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays\\_2017.pdf&type=application%2Fpdf](https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOfFinlandScienceDays_2017.pdf&type=application%2Fpdf)

### **Cyber security exercises : a comparison of participant evaluation metrics and scoring systems**

**Caliskan, Emin; Topgul, Oguzhan M.; Ottis, Rain** Strategic cyber defense : a multidisciplinary perspective 2017 / p. 180-190 <http://doi.org/10.3233/978-1-61499-771-9-180>

### **Cyclic loading of TiCN coating by Vickers indentation**

**Saarna, Mart; Lind, Liina; Peetsalu, Priidu; Sergejev, Fjodor** Engineering materials and tribology XXV 2017 / p. 425-429 <https://doi.org/10.4028/www.scientific.net/KEM.721.425> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Cyclicality, corporate investments and financial soundness : evidence from Central and Eastern European countries =**

**Majanduse tsüklilisus, ettevõtete investeringud ning finantsvõimekus : uurimistulemusi Kesk- ja Ida-Euroopa andmetel** Maripuu, Peeter 2017 <https://digi.lib.ttu.ee/i/?9010> [https://www.ester.ee/record=b4744723\\*est](https://www.ester.ee/record=b4744723*est)

### **Cytotoxicity of metal-based nanoparticles in epithelial barrier models**

**Titma, Tiina** 2017 [http://www.ester.ee/record=b4662467\\*est](http://www.ester.ee/record=b4662467*est)

### **Damage detection in quasi-isotropic composite bends using ultrasonic feature guided waves**



Yu, Xudong; **Ratassepp, Madis**; Fan, Zheng Composites Science and Technology 2017 / p. 120-129 : ill <https://doi.org/10.1016/j.compscitech.2017.01.011>

**Dangerous sea level rises in the Gulf of Finland : instrumental measurements and numerical modeling**

Sukhachev, V.; Zakharchuk, E.; **Lips, Urmas**; Tikhonova, N. The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 250 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**Das Projekt TOOP : Bürokratieabbau und Verwaltungsvereinfachung mittels des "Once-Only" Prinzips für Unternehmen**

**Krimmer, Robert Johannes**; Kalvet, Tarmo; Toots, Maarja; Cepilovs, Aleksandrs Trends und Communities der Rechtsinformatik = Trends and Communities of Legal Informatics : Tagungsband des 20 Internationalen Rechtsinformatik Symposions IRIS 2017 2017 / S. 261-263

**Das Projekt TOOP : Bürokratieabbau und Verwaltungsvereinfachung mittels des "Once-Only" Prinzips für Unternehmen [Online Ausgabe]**

**Krimmer, Robert Johannes**; Kalvet, Tarmo; Toots, Maarja; Cepilovs, Aleksandrs Jusletter IT 2017 / [2] S. : Ill <https://jusletter-it.weblaw.ch/issues/2017/IRIS.html>

**DASIP 2016 : [special issue]**

2017 <https://www.sciencedirect.com/journal/journal-of-systems-architecture/special-issue/10N2RZ46VP0>

**Data for occupancy internal heat gain calculation in main building categories**

Ahmed, Kaiser; **Kurnitski, Jarek**; Olesen, Bjarne Data in brief 2017 / p. 1030-1034 : tab <https://doi.org/10.1016/j.dib.2017.10.036>

**Data-based energy provision for smart cities**

**Soe, Ralf-Martin** Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 319-328 [https://doi.org/10.1007/978-3-319-69784-0\\_27](https://doi.org/10.1007/978-3-319-69784-0_27) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A data-ownership assuring blockchain wallet for privacy-protected data exchange [Online resource]**

Hawthorne, Daniel; Engel, Serafin L.; **Norta, Alexander** 2017 [https://tokensale.datawallet.com/pdf/datawallet\\_whitepaper.pdf](https://tokensale.datawallet.com/pdf/datawallet_whitepaper.pdf)

**David Whyte and Jörg Wiegatz. Neoliberalism and the moral economy of Freud New York: Routledge, 2016 : [review]**

**Rudzite, Liga** Studies of transition states and societies 2017 / p. 65–68 <http://publications.tlu.ee/index.php/stss/article/view/612/477>

**DBaaS comparison : Amazon vs. Microsoft**

**Astrova, Irina**; Koschel, Arne; Eickemeyer, Chris; Kersten, Jan; Offel, Norman International Conference on Information Society (i-Society 2017) 2017 / p. 15-21 <http://doi.org/10.23919/i-Society.2017.8354663>

**Decarbonisation of Estonian oil shale industry : framework and categories definition**

**Eldermann, Meelis**; Siirde, Andres; Gušča, Julija Energy procedia 2017 / p. 77-81 : ill <https://doi.org/10.1016/j.egypro.2017.04.020> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Decision-making tool development for used industrial equipment life cycle evaluation and improvement =**

**Otsustustehnoloogia arendus kasutatud tööstusseadmete elutsükli hindamiseks ja parendamiseks**

**Baškite, Viktoria** 2017 <https://digi.lib.ttu.ee/i/?7672> [https://www.ester.ee/record=b4675749\\*est](https://www.ester.ee/record=b4675749*est)

**Deep energy renovation of old concrete apartment building to nZEB by using wooden modular elements**

**Kalamees, Targo**; Pihelo, Peep; Kuusk, Kalle Forum Holz Bau Garmisch 17 : 23. Internationales Holzbau-Forum (IHF 2017) : aus der Praxis - für die Praxis : Kongresszentrum, Garmisch-Partenkirchen ; B. 2 2017 / p. 317-325 : ill <http://www.gbv.de/dms/tib-ub-hannover/1014402786.pdf>

**Degradation of 600-V 4H-SiC Schottky diodes under irradiation with 0.9 MeV electrons**

Lebedev, Alexander A.; Davidovskaja, Klavdia; Kozlovski, Vitali V.; **Korolkov, Oleg**; **Sleptšuk, Natalja**; **Toompuu, Jana** Silicon Carbide and Related Materials 2016 : selected, peer reviewed papers from the 11th European Conference on Silicon Carbide and Related Materials 2016 (ECSCRM 2016), September 25-29, 2016, Halkidiki, Greece 2017 / p. 447-450 : ill <https://doi.org/10.4028/www.scientific.net/MSF.897.447> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Degradation of ceftriaxone in aqueous solution by heterogeneous photo-activated persulfate system [Online resource]**

**Kattel, Eneliis**; **Balpreet Kaur**; **Trapido, Marina**; **Dulova, Niina** EMEC18 : Chemistry Towards an Infinite Environment, 18th European Meeting on Environmental Chemistry : book of abstracts 2017 / p. 108 : ill [http://www.europeanace.com/file\\_download/82](http://www.europeanace.com/file_download/82)

**Degradation of diclofenac and triclosan residues in sewage sludge compost**

**Haiba, Egge**; **Nei, Lembit**; **Kutti, Sander**; Lillenberg, Merike; Herodes, Koit; **Ivask, Mari**; Kipper, Karin; Aro, Rein; Laaniste, A. Agronomy research 2017 / p. 395-405 : ill [https://agronomy.emu.ee/wp-content/uploads/2017/05/Vol15nr2\\_Haiba.pdf#abstract-5229](https://agronomy.emu.ee/wp-content/uploads/2017/05/Vol15nr2_Haiba.pdf#abstract-5229) [Journal metrics at Scopus](#) [Article at Scopus](#)

**Degradation of environmentally toxic refractory compounds in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis [Online resource]**

Pronina, Natalja; Klauson, Deniss; Kamenev, Sven; Kamenev, Inna; Rudenko, Tatjana; Künnis-Beres, Kai; Moiseev, Anna; Kritševskaja, Marina Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fmtdk.ut.ee/teesid/>

**Degradation of naproxen by ferrous ion-activated hydrogen peroxide, persulfate and combined hydrogen peroxide/persulfate processes : the effect of citric acid addition**

Dulova, Niina; Kattel, Eneliis; Trapido, Marina Chemical engineering journal 2017 / p. 254-263 : ill  
<https://doi.org/10.1016/j.cej.2016.07.006> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Degradation of persistent micropollutants in suspended-bed reactor by photocatalytic oxidation and combination of biological treatment with photocatalysis = Püsivate mikrosasteainete lagundamine keevkihtreaktoris fotokatalüütilise oksüdatsiooniga ning bioloogilise oksüdatsiooni kombineerimine fotokatalüüsiga**

Pronina, Natalja 2017 <https://digi.lib.ttu.ee/i/?7661> [https://www.ester.ee/record=b4671593\\*est](https://www.ester.ee/record=b4671593*est)

**The delay monad and restriction categories**

Uustalu, Tarmo; Veltri, Niccolo Theoretical Aspects of Computing - ICTAC 2017 : 14th International Colloquium Hanoi, Vietnam, October 23-27, 2017 : proceedings 2017 / p. 32-50 [https://doi.org/10.1007/978-3-319-67729-3\\_3](https://doi.org/10.1007/978-3-319-67729-3_3) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Demonstration of acoustic beats in the study of physics**

Gavrilov, Aleksei Journal of multidisciplinary engineering science and technology (JMEST) 2017 / p. 7545-7546 : ill  
<http://www.jmest.org/wp-content/uploads/JMESTN42352273.pdf>

**Dependence of wear of Cu-Cr-S alloy on hardness and electrical conductivity in sliding electrical contact**

Kommel, Lembit; Baroninš, Janis Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 229-233 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.267.229> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Depth-dependent hydraulic roughness and its impact on the assessment of hydropeaking**

Kopecki, Janina; Schneider, Matthias; Tuhtan, Jeffrey Andrew Science of the total environment 2017 / p. 1597-1605 : ill  
<https://doi.org/10.1016/j.scitotenv.2016.10.110> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Der Handel zwischen Russland und den baltischen Staaten : Pfadabhängigkeit oder wirtschaftliche Rationalität? [Elektronische Ressourcen]**

Markus, Raul; Veebel, Viljar Estonian discussions on economic policy (Articles) = Estnische Gespräche über Wirtschaftspolitik (Beiträge) = Eesti majanduspoliitilised väitlused (Artiklid). 1 2017 / S. 66-86 [CD-ROM]

**Descobrimos laboratorios de inovacao no setor publico**

Tõnurist, Piret; Kattel, Rainer; Lember, Veiko Inovacao no setor publico : teoria, tendencias e casos no Brasil 2017 / p. 179-204 : ill  
[http://www.ipea.gov.br/portal/images/stories/PDFs/livros/livros/171002\\_inovacao\\_no\\_setor\\_publico\\_capitulo\\_9.pdf](http://www.ipea.gov.br/portal/images/stories/PDFs/livros/livros/171002_inovacao_no_setor_publico_capitulo_9.pdf)

**Design and optimization of permanent magnet generator with outer rotor for wind turbine application = Tuuleagregaadis kasutatava välisrootoriga püsimgnetgeneraatori projekteerimine ja optimeerimine**

Kudrjartsev, Oleg 2017 <https://digi.lib.ttu.ee/i/?7662> [https://www.ester.ee/record=b4671603\\*est](https://www.ester.ee/record=b4671603*est)

**Design and performance of acoustic metamaterial structure for inlet duct noise attenuation**

Lavrentjev, Jüri; Rämmal, Hans SAE Technical Papers 2017 / 2017-32-0066, [6] p. : ill <https://www.sae.org/publications/technical-papers/content/2017-32-0066/> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Design and performance of acoustic metamaterial structure for inlet duct noise attenuation [Online resource]**

Lavrentjev, Jüri; Rämmal, Hans SETC 2017 : 23rd Small Engine Technology Conference "Small Engine Technology - Generating a Promising Future", November 15-17, 2017 Jakarta, Indonesia : Final program : SAE Technical Paper 2017 / 2017-32-006, p. 37  
[http://www.setc-jsae.com/past\\_docs/2017/list\\_of\\_paper.pdf](http://www.setc-jsae.com/past_docs/2017/list_of_paper.pdf)

**Design and simulations of dual clutch transmission for hybrid electric vehicles**

Vu, Trieu Minh; Abouelkheir, Moustafa International journal of electric and hybrid vehicles 2017 / p. 302-321 : ill  
<https://doi.org/10.1504/IJEHV.2017.089873> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Design global, manufacture local : a new industrial revolution?**

Kostakis, Vasileios; Ramos, Jose The conversation 2017 <https://theconversation.com/design-global-manufacture-local-a-new-industrial-revolution-82591>

**Design management as a driver for innovation in SMEs**

Gerlitz, Laima; Prause, Gunnar Klaus Kindai management review 2017 / p. 41-58 <https://www.kindai.ac.jp/rd/research->

**Design management in a design office : development of the knowledge base**

**Pikas, Ergo**; Koskela, Lauri; **Liias, Roode** 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 539-546 : ill [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf) <https://doi.org/10.24928/2017/0316>

**Design management in a design office : development of the model for 'To-Be'**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 555-562 : ill <https://doi.org/10.24928/2017/0317> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf)

**Design management in a design office : solving the problem of relevance**

**Pikas, Ergo**; Koskela, Lauri; Seppänen, Olli 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 2 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 547-554 : ill [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_2.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_2.pdf) <https://doi.org/10.24928/2017/0315>

**Design of a MATLAB-based teaching tool in introductory fractional-order systems and controls [Electronic resource]**

**Tepljakov, Aleksei; Petlenkov, Eduard**; Gonzalez, Emmanuel A.; Petraš, Ivo 2017 IEEE Frontiers in Education Conference (FIE) : proceedings 2017 / 4 p. : ill [USB] <https://doi.org/10.1109/FIE.2017.8190681>

**Design of fuzzy rule-based classifiers through granulation and consolidation**

**Riid, Andri; Preden, Jürjo-Sören** Journal of artificial intelligence and soft computing research 2017 / p. 137-147 : ill <https://doi.org/10.1515/jaiscr-2017-0010> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Design of stud ends and their influence on load of machine housings**

**Penkov, Igor** Trans & motauto world 2017 / p. 98-101 : ill <https://stumejournals.com/journals/tm/2017/3/98>

**Design optimization of graphene laminates for maximum fundamental frequency**

**Majak, Jüri; Kirs, Maarjus; Eerme, Martin; Tungal, Ernst; Lepikult, Toomas** Proceedings of the Estonian Academy of Sciences 2017 / p. 354-362 : ill <https://doi.org/10.3176/proc.2017.4.08> [https://artiklid.elnet.ee/record=b2830810\\*est](https://artiklid.elnet.ee/record=b2830810*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Design parameters for timber members protected by clay plaster at elevated temperatures**

**Liblik, Johanna; Just, Alar** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 375-389 : ill

**Design thinking as a tool to teach experience marketing**

**Leppiman, Anu; Kukk, Jana** Rethinking Entrepreneurship : Challenges for Management Education in Rising Economies : proceedings of the 25th CEEMAN Annual Conference, 20-22 September 2017, Hangzhou, China 2017 / p. 72-73 : ill <http://www.ceeman.org/docs/default-source/cac-2017/proceedings-of-the-25th-ceeman-annual-conference.pdf?sfvrsn=0>

**Design-driven innovation in SMEs : smart and sustainable organisation within industrial transformation**

**Gerlitz, Laima** International journal of environmental policy and decision making 2017 / p. 98-124 : ill <http://dx.doi.org/10.1504/IJEPDM.2017.10004239>

**Designing a smart-contract application layer for transacting decentralized autonomous organizations**

**Norta, Alexander** Advances in Computing and Data Sciences : first International Conference, ICACDS 2016, Ghaziabad, India, November 11-12, 2016 : revised selected papers 2017 / p. 595-604 [https://doi.org/10.1007/978-981-10-5427-3\\_61](https://doi.org/10.1007/978-981-10-5427-3_61) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Designing with demons : in search of living bricks in Estonia : a workshop at TTÜ Academy of Architecture and Urban Studies**

Amstrong, Rachel; Ferracina, Simone; Hughes, Rolf; **Grišakov, Kristi** 2017 [https://www.ester.ee/record=b4668116\\*est](https://www.ester.ee/record=b4668116*est) [https://eprint.ncl.ac.uk/file\\_store/production/242371/69CEE599-1CEE-43EC-97EB-0908CFFFB86A.pdf](https://eprint.ncl.ac.uk/file_store/production/242371/69CEE599-1CEE-43EC-97EB-0908CFFFB86A.pdf)

**Detecting anisotropic inclusions through EIT**

Cristina, Jan; **Päivärinta, Lassi Juhani** Archive for rational mechanics and analysis 2017 / p. 1139-1160 <https://doi.org/10.1007/s00205-017-1151-y> [Journal metric at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Detection of Candidatus Neoehrlichia mikurensis and Ehrlichia muris in Estonian ticks**

Ivanova, Anna; Geller, Julia; Katargina, Olga; **Värv, Kairi**; Lundkvist, Åke; Golovljova, Irina Ticks and tick-borne diseases 2017 / p. 13-17 : ill <https://doi.org/10.1016/j.ttbdis.2016.08.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Detection of deuterium retention by LIBS at different background pressures**

Paris, Peeter; Butikova, J.; Laan, Matti; Aints, Mart; Hakola, A.; Piip, Kaarel; **Tufail, Iram**; Veis, P. Physica scripta 2017 / art. 014003,

**Determination and production of antimicrobial compounds by *Aspergillus clavatonanicus* strain MJ31, an endophytic fungus from *Mirabilis jalapa* L. using UPLC-ESI-MS/MS and TD-GC-MS analysis**

Mishra, Vineet Kumar; Passari, Ajit Kumar; Chandra, Preeti; Leo, Vincent Vineeth; Kumar, Brijesh; Uthandi, Sivakumar; Thankappan, Sugitha; **Gupta, Vijai Kumar**; Singh, Bhim Pratap PLoS ONE 2017 / art. e0186234, 24 p. <https://doi.org/10.1371/journal.pone.0186234> <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0268371> <https://www.scopus.com/record/display.uri?eid=2-s2.0-85131462947&origin=inward&txId=09dcb2e6296ce2f331ac4a8a8f9cf8d6> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Determination of biomass content in combusted municipal waste and associated CO<sub>2</sub> emissions in Estonia**

Moora, Harri; **Roos, Inge**; Kask, Ülo; Kask, Livia; Öunapuu, Kerlin Energy procedia 2017 / p. 222-229 : tab <https://doi.org/10.1016/j.egypro.2017.09.059> Conference proceedings at Scopus Article at Scopus Article at WOS

**Determination of forced convection coefficient over a flat side of coil**

**Ghahfarokhi, Payam Shams; Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Belahcen, Anouar** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [4] p. : ill <https://doi.org/10.1109/RTUCON.2017.8124759>

**Determination of hygrothermal performance of clay-sand plaster : influence of covering on sorption and water vapour permeability**

**Vares, Olgerd; Ruus, Aime; Raamets, Jane; Tungal, Ernst** Energy procedia 2017 / p. 267-272 : ill <https://doi.org/10.1016/j.egypro.2017.09.719> Conference proceedings at Scopus Article at Scopus Article at WOS

**Determination of penicillins in milk by a dual-optrode biosensor**

Kagan, Margarita; Printsmann, Gunnar; **Kivirand, Kairi**; Rinken, Toonika Analytical letters 2017 / p. 819-828 : ill <https://doi.org/10.1080/00032719.2016.1202957>

**Determination of thermal convection coefficient from coil's flat plate side**

**Ghahfarokhi, Payam Shams; Kallaste, Ants; Belahcen, Anouar** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 130-132 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

**Determining biogas yield from industrial biodegradable waste = Biolagunevatest tootmisjäädikdest biogaasi saagise määramine**

**Kuusik, Argo** 2017 <https://digi.lib.ttu.ee/i/?7712> [https://www.ester.ee/record=b4680398\\*est](https://www.ester.ee/record=b4680398*est)

**Developing curiosity and multimedia skills with programming experiments [Electronic resource]**

**Henno, Jaak**; Jaakkola, Hannu; Mäkelä, Jukka 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), May 22 - 26, 2017, Opatija, Croatia : proceedings 2017 / p. 694-699 : ill. [CD-ROM] <http://doi.org/10.23919/MIPRO.2017.7973512>

**Development and comparison of HPLC and MEKC methods for the analysis of cyclic sulfur mustard degradation products**

**Lees, Heidi; Vaher, Merike; Kaljurand, Mihkel** Electrophoresis 2017 / p. 1075-1082 : ill <https://doi.org/10.1002/elps.201600418> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Development of a flexible, extendable, and low-cost control unit for surface drifters**

**Giudici, Andrea; Torsvik, Tomas; Soomere, Tarmo** Journal of atmospheric and oceanic technology 2017 / p. 669-677 : ill <https://doi.org/10.1175/JTECH-D-16-0116.1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Development of a product lifecycle management model based on the fuzzy analytic hierarchy process**

**Paavel, Marko; Karjust, Kristo; Majak, Jüri** Proceedings of the Estonian Academy of Sciences 2017 / p. 279-286 : ill <https://doi.org/10.3176/proc.2017.3.05> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Development of CdTe absorber layer for thin-film solar cells = CdTe absorberkile arendamine õhukesekilelistele päikesepatareidele**

**Spalatu, Nicolae** 2017 <https://digi.lib.ttu.ee/i/?7230> [https://www.ester.ee/record=b4649791\\*est](https://www.ester.ee/record=b4649791*est)

**Development of cyclic shedding teeth from semi-shedding teeth : the inner dental arcade of the stem osteichthyan *Lophosteus***

Chen, Donglei; Blom, Henning; Sanchez, Sophie; Tafforeau, Paul; **Märss, Tiit**; Ahlberg, Per E. Royal Society open science 2017 / art. 161084 : ill <http://dx.doi.org/10.1098/rsos.161084>



### **Development of interactive monitoring system for urban environmental impact assessment of transport system**

**Pashkevich, Anton;** Beliakova, Marina; Ivanov, Alexander; **Purju, Alari** Procedia engineering 2017 / p. 42-52 : ill

<https://doi.org/10.1016/j.proeng.2017.01.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Development of key performance selection index model**

**Kaganski, Sergei; Toompalu, Silver** Journal of achievements in materials and manufacturing engineering 2017 / p. 33-40 : ill

<https://doi.org/10.5604/01.3001.0010.2077> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Development of large shallow Lake Peipsi (North-Eastern Europe) over the Holocene based on the stratigraphy of phosphorus fractions**

Kisand, Anu; Kirsi, Anna-Liisa; Ehapalu, Kristiina; **Alliksaar, Tiiu; Heinsalu, Atko;** Tõnno, Ilmar; Leeben, Aina; Nõges, Peeter

Journal of paleolimnology 2017 / p. 43-56 : ill <https://doi.org/10.1007/s10933-017-9954-2> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Development of temperature control solutions for non-instrumented nucleic acid amplification tests (NINAAT)**

**Pardy, Tamas; Rang, Toomas;** Tulp, Indrek Micromachines 2017 / p. 1-11 : ill <https://doi.org/10.3390/mi8060180> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diagenetic Mg-calcite overgrowths on foraminiferal tests in the vicinity of methane seeps**

Panieri, Giuliana; **Lepland, Aivo;** Whitehouse, Martin J.; Wirth, Richard Earth and planetary science letters 2017 / p. 203-212 : ill

<https://doi.org/10.1016/j.epsl.2016.10.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Diagrams as scientific instruments**

**Moktefi, Amirouche** Virtual reality - real visuality : virtual, visual, veridical 2017 / p. 81-89

### **Die Fotografie als Spiegel des Alltagslebens in Estland im 19. Jahrhundert**

**Liibek, Tõnis** Zeitschrift für Ostmitteleuropa-Forschung 2017 / S. 558–575 : ill <https://www.hsozkult.de/journal/id/zeitschriftenausgaben-10785>

### **Diffusion of European modern city planning around 1910 : transferring and implementation of international knowledge in Tallinn, Estonia**

**Hallas-Murula, Karin** Journal of urban history 2017 / p. 615-624 <https://doi.org/10.1177/0096144217705345> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Digipööre ja 10 "eluaegset professorit"**

**Veinthal, Renno** Mente et Manu 2017 / lk. 16-18 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2820639\\*est](https://artiklid.elnet.ee/record=b2820639*est)

### **Digipööre TTÜs**

**Veinthal, Renno** Postimees 2017 / lk. 20

### **Digirevolutsioon ülikoolis**

**Aaviksoo, Jaak** Mente et Manu 2017 / lk. 4-5 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2826886\\*est](https://artiklid.elnet.ee/record=b2826886*est)

### **Digital economy and the rise of open cooperativism : the case of the Enspiral Network**

**Pazaitis, Alexandros; Kostakis, Vasileios;** Bauwens, Michel Transfer : European review of labour and research 2017 / p. 177-192 :

ill <https://doi.org/10.1177/1024258916683865> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Digital realization of retuning fractional-order controllers for an existing closed-loop control system**

**Tepljakov, Aleksei; Petlenkov, Eduard;** Gonzalez, Emmanuel A.; **Belikov, Juri** Journal of circuits, systems, and computers 2017 /

art. 1750165, p. 1-26 <https://doi.org/10.1142/S0218126617501651> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Digitale Transformation der Verwaltung : Empfehlungen für eine gesamtstaatliche Strategie [Online Ausgabe]**

Beck, Roman; **Fischer, Dirk-Hinnerk;** Hilgers, Dennis; Hunnius, Sirko; Krcmar, Helmut; **Krimmer, Robert Johannes** 2017

<http://www.bertelsmann-stiftung.de/de/publikationen/publikation/did/digitale-transformation-der-verwaltung/>

### **Diplomeeritüd vabaduse maitse**

**Sarv, Mari Öö** Mente et Manu 2017 / lk. 3 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)

[https://artiklid.elnet.ee/record=b2826884\\*est](https://artiklid.elnet.ee/record=b2826884*est)

### **Discrete gravitational swarm optimization algorithm for system identification = Diskreetne gravitatsioonilist vastasmõju arvestav osakeste parvega optimeerimise meetod süsteemide identifitseerimiseks**

**Spitšakova, Margarita** 2017 <https://digi.lib.ttu.ee/i/78449> [https://www.ester.ee/record=b4689427\\*est](https://www.ester.ee/record=b4689427*est)

**Dispersion management for nonlinearity mitigation in two-span 28 GBaud QPSK phase-sensitive amplifier links**  
**Astra, Egon**; Olsson, Samuel L. I.; Eliasson, Henrik; **Andrekson, Peter Avo** Optics express 2017 / p. 13163-13173 : ill  
<https://doi.org/10.1364/OE.25.013163> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Dispersive elastic waves**

**Berezovski, Arkadi; Ván, Peter** Internal variables in thermoelasticity 2017 / p. 85-98 [https://doi.org/10.1007/978-3-319-56934-5\\_6](https://doi.org/10.1007/978-3-319-56934-5_6)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Dissemination of engineering education at schools and its adjustment to needs of enterprises**

**Ševtšenko, Eduard; Karaulova, Tatjana**; Igavens, Maris; **Kuts, Vladimir** Annals of DAAAM for 2017 and proceedings of the 28th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 8-11 November 2017, Zadar, Croatia 2017 / p. 44-53 : ill  
<http://dx.doi.org/10.2507/28th.daaam.proceedings.006>

#### **Distributed largest eigenvalue detection**

**Ainomäe, Ahti; Trump, Tõnu**; Bengtsson, Mats 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 3519-3523 : ill  
<https://doi.org/10.1109/ICASSP.2017.7952811> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Division of astronomy and physics**

Estonian Academy of Sciences year book 2016 2017 / p. 31

#### **Division of informatics and engineering**

Estonian Academy of Sciences year book 2016 2017 / p. 31-32

#### **Do contemporary (1980-2015) emissions determine the elemental carbon deposition trend at Holtedahlfonna glacier, Svalbard?**

Ruppel, Meri M.; Soares, Joana; Gallet, Jean-Charles; Isaksson, Elisabeth; **Martma, Tõnu** Atmospheric chemistry and physics 2017 / p. 12779-12795 : ill <https://doi.org/10.5194/acp-17-12779-2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Do credit commitments compromise credit quality?**

**Laidroo, Laivi; Männasoo, Kadri** Research in international business and finance 2017 / p. 303-317 : ill  
<https://doi.org/10.1016/j.ribaf.2017.04.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Do regional airlines in Eastern Europe have the right to survive in the European single sky environment?**

**Kukemelk, Sven** Aviation 2017 / p. 155-161 <https://doi.org/10.3846/16487788.2017.1415226> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Do we need capabilities in our management system?**

**Kangilaski, Taivo; Ševtšenko, Eduard** Journal of machine engineering 2017 / p. 88-100 : ill  
[http://www.not.pl/wydawnictwo/abstract\\_2017\\_en.html](http://www.not.pl/wydawnictwo/abstract_2017_en.html) [https://wydawnictwo.not.pl/2017JOM/V1/8\\_KANGILASKI.pdf](https://wydawnictwo.not.pl/2017JOM/V1/8_KANGILASKI.pdf) [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Does anyone want to work 5 days per week and 8 hours per day? Issues in R&D work efficiency [Online resource]**

2017 <http://tutecon.eu/index.php/tutecon/article/view/31>

#### **Does co-creation impact public service delivery? The importance of state and governance traditions**

Voorberg, William; Bekkers, Victor; Flemig, Sophie; Timeus, Krista; **Tõnurist, Piret**; Tummers, Lars Public money & management 2017 / p. 365-372 : tab <https://doi.org/10.1080/09540962.2017.1328798> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **Does flexible work make R&D employees happier? [Online resource]**

**Rebane, Marit; Hein, Heili; Hazak, Aaro** 2017 <http://tutecon.eu/index.php/tutecon/article/view/23>

#### **Does school admission by zoning affect educational inequality? A study of family background effect in Estonia, Finland, and Sweden**

Pöder, Kaire; Lauri, Triin; **Veski, Andre** Scandinavian journal of educational research 2017 / p. 668-688 : ill  
<https://doi.org/10.1080/00313831.2016.1173094> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Doktorant, tööturg ja karjääriplaneerimine. Millal, kuhu, kuidas?**

**Oja Acik, Ilona** Mente et Manu 2017 / lk. 22-23 : fot [https://artiklid.elnet.ee/record=b2830868\\*est](https://artiklid.elnet.ee/record=b2830868*est)

#### **Doktorid 2017 / Tallinna Tehnikaülikool**

2017 [http://www.estet.ee/record=b4535112\\*est](http://www.estet.ee/record=b4535112*est)

#### **Doktorikraad annab juhiloa, mitte töökoha**

**Kruusmaa, Maarja** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 68-71 : fot

[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Doktoritööd : august - detsember 2016 : [doktorikraadi kaitsesid D. Firsov, S. Astapov, K. Ojamäe, E. Moorits, L. Miller, A. Pink, C.R. Yörük, E. Startseva, K. Kreek, D.-L. Yung, K. Kuk, V. Pille, J. Kuk, J. Niitsoo, M. Laasmaa, E.-G. Kobrin, A. Pramono, V. Kikas, B. Maharjan, A. Ojamaa]**

Mente et Manu 2017 / lk. 62-63 [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)

**Doktoritööd : august-november 2017 : [doktorikraadi kaitsesid S. de Reguardati di Castelfranco, F. Güllü, M. Lints. R. Tomson, A. Rjabov, A. Veski, M. Pilvet, M. Spitsakova, N. Jepihhina, Z.S. Baird, K. Pindsoo, O. Mironova, J. Krenjova, A. Cepilovs, M. Sunela ja S. Rosensvald]**

Mente et Manu 2017 / lk. 68-69 [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est)

**Doktoritööd : jaanuar-veebruar 2017 : [doktorikraadi kaitsesid Liina Kanarbik, Einari Kisel, Maris Skudra, Sirje Sildever, Nicolae Spalatu, Gert Toming ja Zorjana Mural]**

Mente et Manu 2017 / lk. 55 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html)

**Doktoritööd : juuni-juuli 2017 : [doktorikraadi kaitsesid L. Gevorkov, V. Baškite, Ü. Alev, T. Ahmed, S. Ilomets, M. Kriisa, M. Surženko, A. Kuusik, Nkwusi God'swill Chimezie ja N. Edelmann]**

Mente et Manu 2017 / lk. 65 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)

**Doktoritööd : mai-juuni 2017 : [doktorikraadi kaitsesid R. Boroznjak, I. Osadchuk, N. Veltri, S. Erm, O. Kudrjavitsev, N. Nutt ja N. Pronina]**

Mente et Manu 2017 / lk. 49 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)

**Doktoritööd : märts-aprill 2017 : [doktorikraadi kaitsesid K. Luberg, A. Kaldma, D. Lebedev, K. Tammel, E. Väljaots, K. Umbleja ja A. Hunt]**

Mente et Manu 2017 / lk. 53 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)

**Doktoriõpe Eestis vajab praktilisemat väljundit**

**Kubo, Anna-Liisa** Mente et Manu 2017 / lk. 42-43 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)  
[https://artiklid.elnet.ee/record=b2827018\\*est](https://artiklid.elnet.ee/record=b2827018*est)

**Domain decomposition approach for efficient time-domain finite-element computation of winding losses in electrical machines**

Lehikoinen, Antti; Ikäheimo, Jouni; Arkkio, Antero; **Belahcen, Anouar** IEEE transactions on magnetics 2017 / art. 7400609, 9 p. : ill <https://doi.org/10.1109/TMAG.2017.2681045>

**Doonorlusest ja doonoriks olemisest**

Simson, Taavi Studioosus 2017 / lk. 4-7 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Double-hull breaching energy in ship-tanker collision**

Heinvee, Martin; **Tabri, Kristjan** Progress in the Analysis and Design of Marine Structures : proceedings of the 6th International Conference on Marine Structures (MARSTRUCT 2017), Lisbon, Portugal, 8–10 May 2017 / p. 439-448  
<https://www.taylorfrancis.com/books/e/9781351653411>

**A double-layer acoustic absorber as potential substitute for traditional micro-perforated elements**

**Auriemma, Fabio** Proceedings of Meetings on Acoustics 2017 / art. 030004, p. 1-11 : ill <https://doi.org/10.1121/2.0000598> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Dr Marco Sacco : tehisreaalsus on järgmise kümnendi peategelane**

Einama, Kaido Mente et Manu 2017 / lk. 47-48 [https://artiklid.elnet.ee/record=b2830879\\*est](https://artiklid.elnet.ee/record=b2830879*est)

**Driver distraction while performing a secondary task evaluation approach based on fuzzy expert system**

**Aksjonov, Andrei**; Nedoma, Pavel; **Vodovozov, Valery**; **Petlenkov, Eduard**; Hermann, Martin 2017 / p. 1-27 : ill <https://www.ets.ee/File/DownloadPublic/9fe35346-efcf-4429-af04-ba8325dc1480?name=GSVF2017-Aksjonov.pdf&type=application%2Fpdf>  
<https://www.gsvf.at/index.php/en/program-2017>

**Drivers and Barriers for OOP (1st version) : The Once-Only Principle Project [Online resource]**

Kalvet, Tarmo; Toots, Maarja; Krimmer, Robert Johannes 2017 [http://toop.eu/sites/default/files/D27\\_Drivers\\_and\\_Barriers.pdf](http://toop.eu/sites/default/files/D27_Drivers_and_Barriers.pdf)

**Drivers of peat accumulation rate in a raised bog : impact of drainage, climate, and local vegetation composition**

**Stivrinš, Normunds**; Ozola, I.; Galka, Mariusz; Kuske, E.; **Alliksaar, Tiit**; Andersen, T. J.; Lamentowicz, M.; Wulf, Sabine; **Reitalu, Triin** Mires and peat 2017 / art. 8, p. 1-19 : ill <https://doi.org/10.19189/MaP.2016.OMB.262> [Journal metrics at Scopus](#) [Article at Scopus](#)  
[Journal metrics at WOS](#) [Article at WOS](#)

**Driving forces and design of the TTÜ e-Governance technologies and services master's program**

**Pappel, Ingrid; Oolu, Karin;** Pappel, Ingmar; **Draheim, Dirk** Electronic Government and the Information Systems Perspective : 6th International Conference, EGOVIS 2017, Lyon, France, August 28-31, 2017 : proceedings 2017 / p. 278-293 : ill  
[https://doi.org/10.1007/978-3-319-64248-2\\_20](https://doi.org/10.1007/978-3-319-64248-2_20) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**DTRON : a tool for distributed model-based testing of time critical applications**

**Anier, Aivo; Vain, Jüri; Tsiopoulos, Leonidas** Proceedings of the Estonian Academy of Sciences 2017 / p. 75-88 : ill  
<https://doi.org/10.3176/proc.2017.1.08> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dual internal variables**

**Berezovski, Arkadi;** Ván, Peter Internal variables in thermoelasticity 2017 / p. 59-72 [https://doi.org/10.1007/978-3-319-56934-5\\_4](https://doi.org/10.1007/978-3-319-56934-5_4)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Dual-source Linear Energy Prediction (LINE-P) model in the context of WSNs**

**Ahmed, Faisal; Tamberg, Gert; Le Moulec, Yannick; Annus, Paul** Sensors 2017 / art. 1666, p. 1-22 : ill  
<https://doi.org/10.3390/s17071666> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dynamic modeling of networks, microgrids, and renewable sources in the dq0 reference frame : a survey**

Baimel, Dmitry; **Belikov, Juri;** Guerrero, Joseph M.; Levron, Yoash IEEE Access 2017 / p. 21323-21335 : ill  
<https://doi.org/10.1109/ACCESS.2017.2758523> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Dynamically integrating electronic - with personal health records for ad-hoc healthcare quality improvements**

**Kormiltsõn, Aleksandr; Norta, Alexander** Digital Transformation and Global Society : Second International Conference, DTGS 2017, St. Petersburg, Russia, June 21-23, 2017 : revised selected papers 2017 / p. 385-399 : ill [https://doi.org/10.1007/978-3-319-69784-0\\_33](https://doi.org/10.1007/978-3-319-69784-0_33) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Early and Middle Ordovician chitinozoans from Tongzi, South China : biostratigraphic significance and biodiversification**

**Liang, Yan;** Tang, Peng; Zhan, Renbin; **Hints, Olle** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 48-49 : ill  
[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstacts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstacts_and_Field_Guide.pdf)

**Early Middle Ordovician scolecodonts from northwestern Argentina and the emergence of labidognath polychaete jaw apparatuses**

**Hints, Olle;** Tonarova, Petra; Eriksson, Mats E.; Rubinstein, Claudia V.; Puente, G. Susana de la Palaeontology 2017 / p. 583-593 : ill  
<https://doi.org/10.1111/pala.12303> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Early symbiotic rugosan endobionts in stromatoporoids from the Rhuddanian of Estonia (Baltica)**

Vinn, Olev; **Toom, Ursula** Lethaia 2017 / p. 237-243 : ill <https://doi.org/10.1111/let.12190> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Ebateadusest ja imekividest**

**Raukas, Anto** 2017 [http://www.ester.ee/record=b4677269\\*est](http://www.ester.ee/record=b4677269*est)

**EBEC 2017 Brno : rikkalikult kogemusi ja inseneritarkusi**

Director. Inseneria 2017 / lk. 128-131 : fot [https://artiklid.elnet.ee/record=b2824277\\*est](https://artiklid.elnet.ee/record=b2824277*est)

**Ecology under lake ice**

Hampton, Stephanie E.; Galloway, Aaron W. E.; Powers, Stephen M.; **Kaup, Enn** Ecology letters 2017 / p. 98-111 : ill  
<https://doi.org/10.1111/ele.12699> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Eco-Management and Audit Scheme (EMAS) implementation in the European Union : survey of Estonian certified organisations**

**Kivi, Krislin; Gurvitš, Natalja** European integration studies : research and topicalities 2017 / p. 211-219 : ill  
<http://dx.doi.org/10.5755/j01.eis.0.11.17982>

**Economic impact of SECA regulations on clean shipping in the BSR- first empiric results from EnviSuM project [Online resource]**

**Olaniyi, Eunice Omolola; Prause, Gunnar Klaus;** Boyesen, Jan International Conference on Maritime Energy Management : MARENER 2017 : World Maritime University, Malmö, Sweden, 24-25 January 2017 : conference proceedings 2017 / 15 p. : ill  
[https://commons.wmu.se/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1033&context=marener\\_conference](https://commons.wmu.se/cgi/viewcontent.cgi?referer=&httpsredir=1&article=1033&context=marener_conference)

**Ecosystem-based maritime spatial planning – impact on navigational safety from offshore renewable energy developments**

**Fetissov, Mihhail;** Aps, Robert; Heinla, Priit; Kinnunen, Joukko; Korneev, Oleg; Lees, Liisi; Varjopuro, Riku From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 14 [https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOffinlandScienceDays\\_2017.pdf&type=application%2Fpdf](https://www.etis.ee/File/DownloadPublic/ebda3e4a-2eb0-4f26-971f-f16046bc0bed?name=TheGulfOffinlandScienceDays_2017.pdf&type=application%2Fpdf)



### **Ecotoxicity of nanosized magnetite to crustacean *Daphnia magna* and duckweed *Lemna minor***

Blinova, Irina; **Kanarbik, Liina**; Irha, Natalja; Kahru, Anne Hydrobiologia 2017 / p. 141-149 : ill <https://doi.org/10.1007/s10750-015-2540-6> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ecotoxicological evaluation of shale fuel oils, metal-based nanoparticles and glyphosate formulations =**

**Põlevikivikütteõlide, metalliliste nanoosakeste ja glüfosaadipõhiste herbitsiidide ökotoksikoloogilised uuringud**

**Kanarbik, Liina** 2017 <https://digi.lib.ttu.ee/i/27180> [https://www.ester.ee/record=b4649796\\*est](https://www.ester.ee/record=b4649796*est)

### **Eddy formation behind a coastal cape in a flow generated by transient longshore wind (Numerical experiments)**

**Zhurbas, Victor**; Kuzmina, N.P.; Lyzhkov, D.A. Oceanology 2017 / p. 350-359 : ill <https://doi.org/10.1134/S0001437017020229> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Editorial**

**Zheng, Xiaosong** Transformations in business and economics 2017 / p. 321 <http://www.transformations.knf.vu.lt/42c/ed42c.pdf> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Eessõna**

**Õispuu, Leo** Isikute lühiandmed kommunismiohvrite memoriaalile 1940-1991 = Brief personal details for the memorial to victims of communism 1940-1991 2017 / lk. 6-8 [https://www.ester.ee/record=b4661164\\*est](https://www.ester.ee/record=b4661164*est)

### **Eessõna**

**Sell, Raivo** Arduino projektid alustajale 2017 / lk. 2 [http://www.ester.ee/record=b4686444\\*est](http://www.ester.ee/record=b4686444*est)

### **Eessõna**

**Andrejev, Viktor** Aastaraamat 2016 / Tallinna Tehnikaülikool, Virumaa kolledž 2017 / 1 p [https://www.ester.ee/record=b2666429\\*est](https://www.ester.ee/record=b2666429*est)

### **Eessõna**

**Kulu, Priit** Jakob Kübarsepp : bibliograafia 2017 / lk. 7-8 [http://www.ester.ee/record=b4664665\\*est](http://www.ester.ee/record=b4664665*est)

### **Eesti avati kosmose äriinkubaator**

TööstusEST 2017 / lk. 52 [https://artiklid.elnet.ee/record=b2829176\\*est](https://artiklid.elnet.ee/record=b2829176*est)

### **Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud : uurimistöö 1.1-4/2015/227/ Lep 15066 lõpparuanne [Võrguteavik]**

**Treufeldt, Ülo; Meldorf, Mati; Leinakse, Madis; Sarnet, Tanel; Salumäe, Uku; Kilter, Jako**; Krusell, Kaur; Reinson, Andrus; Matjas, Ilja 2017 [Eesti elektrisüsteemi ülekandevõrgu koormuste staatilised ja dünaamilised karakteristikud](#)

### **Eesti energiasüsteemi lahtiühendamisest ning selle otstarbekusest**

**Raukas, Anto; Valdma, Mati** Elektriala 2017 / lk. 12-13 [https://artiklid.elnet.ee/record=b2829412\\*est](https://artiklid.elnet.ee/record=b2829412*est)

### **Eesti esimene isejuhtiv auto : kere Silberautost, tehnoloogia TTÜ-st**

Einama, Kaido Director. Inseneeria 2017 / lk. 76-83 : ill [https://artiklid.elnet.ee/record=b2824191\\*est](https://artiklid.elnet.ee/record=b2824191*est)

### **Eesti ettevõtete tootmis- ja innovatsioonivõrgustikud**

**Kattel, Rainer**; Varblane, Urmas Eesti inimarengu aruanne 2016/2017 : Eesti rändeajastul 2017 / lk. 91-97 : ill [http://www.ester.ee/record=b4680508\\*est](http://www.ester.ee/record=b4680508*est)

### **Eesti graptoliitargillit vajab modernseid uuringumeetodeid ja uusi teadmisi : milline on praegune seis ja kuhu edasi?**

**Hade, Sigrid; Soesoo, Alvar** Director. Inseneeria 2017 / lk. 106-111 : ill [https://artiklid.elnet.ee/record=b2825890\\*est](https://artiklid.elnet.ee/record=b2825890*est)

### **Eesti hüdroloogiakonverents. 100 aastat Armin Kase sünnist**

Järvet, Arvo Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 42. kd 2017 / lk. 322-326 : ill [https://www.ester.ee/record=b1237665\\*est](https://www.ester.ee/record=b1237665*est)

### **Eesti jahid said rahvusvahelisel noorte purjeõpperagatil kaksikvõidu**

Niit, Jane Meremees. Veeteede Ameti teataja 2017 / lk. 23-25 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est) [https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_3-4\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_3-4_va_teataja_2017_)

### **Eesti kohalik omavalitsus ja liidud - taastamine ning areng 1989-2017 : kogumik**

2017 [http://www.ester.ee/record=b4700297\\*est](http://www.ester.ee/record=b4700297*est)

### **Eesti korraldas esimese Euroopa füüsikaolümpiaadi**

**Kalda, Jaan** Horisont 2017 / lk. 58-59 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

## **Eesti kõrgkoolides 2017. aasta kevadel kaitsmisele tulnud finants-, raamatupidamis- ja maksundudalased magistri- ja bakalaureusetööd**

Finantsjuhtimine : infoleht 2017 / lk. 19-21 [http://www.ester.ee/record=b2082311\\*est](http://www.ester.ee/record=b2082311*est)

## **Eesti laevandusettevõtted ei ole küberturvalisusele piisavalt tähelepanu pööranud**

**Heering, Dan** Meremees. Veeteede Ameti teataja 2017 / lk. 10-13 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_4-4.\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_4-4._va_teataja_2017_)

## **Eesti laste kõne I. Põhitooni akustiline analüüs**

**Meister, Einar; Meister, Lya** Keel ja Kirjandus 2017 / lk. 518-533 : ill [https://dea.digar.ee/article/AKkeeljakirjandus/2017/07/0/6\\_Journal metrics at Scopus Article at Scopus](https://dea.digar.ee/article/AKkeeljakirjandus/2017/07/0/6_Journal_metrics_at_Scopus_Article_at_Scopus)

## **Eesti maapõu peidab huvitavat kivimit : graptoliitargilliit ehk must kilt**

**Hade, Sigrid; Soesoo, Alvar** Eesti Loodus 2017 / lk. 19-25 : ill [http://www.ester.ee/record=b1072059\\*est](http://www.ester.ee/record=b1072059*est)

## **Eesti Maaülikoolis kirjutati puitmajasektori jaoks olulisi teadustöid : [Il koha pälvis TTÜ tudengi Morten Kaasiku lõputöö]**

EhitusEST 2017 / lk. 26 [http://www.ester.ee/record=b4442657\\*est](http://www.ester.ee/record=b4442657*est)

## **Eesti majandusdoktorid ja -kandidaadid 1949-1991 : bibliograafianimestik**

2017 [https://www.ester.ee/record=b4757441\\*est](https://www.ester.ee/record=b4757441*est) <https://digikogu.taltech.ee/et/Item/64fcc5c0-6688-4c4f-a167-b734ffc3c63d>

## **Eesti maju gaasiplahvatus rängalt ei kahjustaks**

**Kurnitski, Jarek** Postimees 2017 / lk. 6 <https://www.postimees.ee/4309273/eesti-kortermaju-gaasiplahvatus-rangalt-ei-kahjustaks>

## **Eesti Mereakadeemia avab uue eriala "Laevamehaanika"**

**Aedla, Krislin** Meremees. Veeteede Ameti teataja 2017 / lk. 18 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_2-4.\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_2-4._va_teataja_2017_)

## **Eesti Mereakadeemia uuris STCW-F konventsiooni ja Kaplinna lepingu rakendamise otstarbekust Eestis**

**Kuuse, Mari-Liis** Meremees. Veeteede Ameti teataja 2017 / lk. 18-20 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_1-4.\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_1-4._va_teataja_2017_)

## **Eesti oma supertoidud : elurõõmu ja tervise allikad**

**Vokk, Raivo;** Virkus, Lia; Enden, Pille 2017 [http://www.ester.ee/record=b4658998\\*est](http://www.ester.ee/record=b4658998*est)

## **Eesti omavalitsussüsteemi taastamisest ja arengust - õigusruumist, analüüsist ning haldusreformidest**

Lääne, Sulev; **Mäeltsemees, Sulev;** Vare, Raivo; Kattai, Kersten Eesti kohalik omavalitsus ja liidud - taastamine ning areng 1989-2017 : kogumik 2017 / lk. 85-132 [http://www.ester.ee/record=b4700297\\*est](http://www.ester.ee/record=b4700297*est)

## **Eesti Raamatukoguhoidjate Ühingu aastaraamat 2016**

2017 [http://www.ester.ee/record=b1209172\\*est](http://www.ester.ee/record=b1209172*est)

## **Eesti riik tunnustab oma tarku ja tublisid inimesi : [TTÜst Sirje Keevallik ja Janek Janno]**

Kello, Karl Õpetajate Leht 2017 / lk. 12 <https://opleht.ee/2017/02/eesti-riik-tunnustab-oma-tarku-ja-tublisid-inimesi/>

## **Eesti saartele sõidavad kõigi aegade uusimad laevad**

**Roosipuu, Tauri** Meremees. Veeteede Ameti teataja 2017 / lk. 23-25 : fot [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_2-4.\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_2-4._va_teataja_2017_)

## **Eesti seitsmes kliimaaruanne ÜRO kliimamuutuste raamkonverentsi elluviimise kohta 2017**

2017 [https://www.ester.ee/record=b2695548\\*est](https://www.ester.ee/record=b2695548*est)

## **Eesti sildade kontroll satelliitide abil**

**Sein, Sander** Teeleht 2017 / lk. 14-15 : ill [https://www.mnt.ee/sites/default/files/road\\_paper\\_pdf/\\_teeleht\\_25\\_07.pdf](https://www.mnt.ee/sites/default/files/road_paper_pdf/_teeleht_25_07.pdf)  
[http://www.ester.ee/record=b1073043\\*est](http://www.ester.ee/record=b1073043*est)

## **Eesti teadlaste päikeseenergiat tootev teekatend**

Horisont 2017 / lk. 5 : fot [http://www.ester.ee/record=b4708219\\*est](http://www.ester.ee/record=b4708219*est)

## **Eesti Teadus- ja Tehnikamuuseum ootab tasuvusuuringut**

Kamps, Mari Inseneeria 2017 / lk. 44-47 : fot [https://artiklid.elnet.ee/record=b2820595\\*est](https://artiklid.elnet.ee/record=b2820595*est)

## **Eesti teaduse populariseerimise auhind : [autasu saanute nimekiri : autasustatud ka TTÜst]**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 94-96  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016**  
Soomere, Tarmo 2017 [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

**Eesti toitumis- ja liikumissoovitused 2015 [Võrguteavik]**  
Pitsi, Tagli; Zilmer, Mihkel; Vaask, Sirje; Liebert, Tiit 2017 [http://www.ester.ee/record=b4654355\\*est](http://www.ester.ee/record=b4654355*est)

**Eesti tornaadod**  
Tarand, Andres; Kallis, Ain 2017 [http://www.ester.ee/record=b4640733\\*est](http://www.ester.ee/record=b4640733*est)

**Eesti tunnustas riigi teenetemärkidega kolme ülikooli töötajat**  
Mente et Manu 2017 / lk. 10 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html)  
[https://artiklid.elnet.ee/record=b2816018\\*est](https://artiklid.elnet.ee/record=b2816018*est)

**Eesti Vabariigi 2018. aasta teaduspreemia kandidaadid TTÜst**  
Mente et Manu 2017 / lk. 31-35 : portr [https://artiklid.elnet.ee/record=b2830873\\*est](https://artiklid.elnet.ee/record=b2830873*est)

**Eesti Vabariigi preemiad 2017 : teadus. F. J. Wiedemanni keeleauhind. Kultuur. Sport**  
2017

**Eesti Vabariik : maa. Rahvas. Kultuur : TEA entsüklopeedia eriväljaanne**  
Arold, Ivar; Gerndorf, Kostel; Nõlvak, Jaak; Orru, Mall 2017 [http://www.ester.ee/record=b4648167\\*est](http://www.ester.ee/record=b4648167*est)

**Eesti Vabariik 100 : TEA entsüklopeedia eriväljaanne**  
Alatalu, Riin; Engelbrecht, Jüri; Gerndorf, Kostel; Hamburg, Arvi; Lumiste, Rünno; Nõlvak, Jaak; Orru, Mall 2017  
[http://www.ester.ee/record=b4748911\\*est](http://www.ester.ee/record=b4748911*est)

**Eesti Väikelaevaehtuse Liidust sai suve jooksul Eesti Meretööstuse Liit**  
Hartikainen, Anni Paat & Merendus 2017 / lk. 74 : fot [http://www.ester.ee/record=b4471304\\*est](http://www.ester.ee/record=b4471304*est)

**Eestis loodud tehnoloogia muudab merelained reaalseks elektrienergiaks**  
Ramler, Gerli Inseneeria 2017 / lk. 42-43 : ill [https://artiklid.elnet.ee/record=b2812869\\*est](https://artiklid.elnet.ee/record=b2812869*est)

**Eestlaste loodud uus bakter tõi kõrge tunnustuse : [prof. Raivo Vilu`le]**  
Raamets, Heli; Vilu, Raivo Maaleht 2017 / lk. 9 <https://maaleht.delfi.ee/artikkel/79438988/eestlaste-loodud-uus-bakter-toi-korge-tunnustuse>

**Eestlaste pöördeline teekate salvestab päikeseenergiat**  
Director. Inseneeria 2017 / lk. 118-121 : fot [https://artiklid.elnet.ee/record=b2828537\\*est](https://artiklid.elnet.ee/record=b2828537*est)

**Effect of erodent particle impact energy on wear of cemented carbides**  
Antonov, Maksim; Yung, Der-Liang; Goljandin, Dmitri; Mikli, Valdek; Hussainova, Irina Wear 2017 / p. 507-515 : ill  
<https://doi.org/10.1016/j.wear.2016.11.032> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Effect of fly-ash cenospheres on properties of clay-ceramic syntactic foams**  
Rugele, Kristine; Lehmkus, Dirk; Hussainova, Irina; Peculevica, Julite; Lisnanskis, Marks; Shishkin, Andrei Materials 2017 / art. 828, p. 1-17 : ill <https://doi.org/10.3390/ma10070828> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Effect of freezing and thawing on the performance of “capillary active” insulation systems: a comparison of results from climate chamber study to HAM modelling**  
Klõšeiko, Paul; Varda, Kadi; Kalamees, Targo Energy procedia 2017 / P. 525-530 : ill <https://doi.org/10.1016/j.egypro.2017.09.714>  
Conference proceedings at Scopus Article at Scopus Article at WOS

**Effect of innovation in unconventional oil industry : case of Estonia and Canada**  
Kallamets, Kalev; Tänav, Tõnis Oil shale 2017 / p. 279-294 : ill <https://doi.org/10.3176/oil.2017.3.06>  
[http://www.ester.ee/record=b1072685\\*est](http://www.ester.ee/record=b1072685*est) [https://artiklid.elnet.ee/record=b2824320\\*est](https://artiklid.elnet.ee/record=b2824320*est) Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Effect of national decisions on actions for competition damages in the cee countries**  
Pärn-Lee, Evelin Yearbook of antitrust and regulatory studies 2017 / p. 177-196 <https://doi.org/10.7172/1689-9024.YARS.2017.10.15.9>  
Journal metrics at Scopus Article at Scopus

**The effect of positive pressure on indoor air quality in a deeply renovated school building - a case study**  
Vornanen-Winqvist, Camilla; Toomla, Sander; Ahmed, Kaiser; Kurnitski, Jarek; Mikkola, Raimo; Salonen, Heidi Energy procedia 2017 / p. 165-170 : ill <https://doi.org/10.1016/j.egypro.2017.09.679> Conference proceedings at Scopus Article at Scopus Article at WOS

**Effect of sintering method on surface fatigue of carbide composites**

**Petrov, Mihail; Kübarsepp, Jakob; Sergejev, Fjodor; Viljus, Mart; Tarraste, Marek** Engineering materials and tribology XXV 2017 / p. 368-372 : ill <https://doi.org/10.4028/www.scientific.net/KEM.721.368> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Effective electrical conductivity of carbon nanotube–epoxy nanocomposites**

Kulakov, Vladimir; Aniskevich, Andrey; Ivanov, Sergey; **Poltimäe, Triinu**; Starkova, Olesja Journal of composite materials 2017 / p. 2979-2988 : ill <https://doi.org/10.1177/0021998316678304> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effective self adaptive multiple source localization technique by primal dual interior point method in binary sensor networks**

**Khan, Muhidul Islam**; Xia, Kewen IEEE communications letters 2017 / p. 1119-1122 : ill <https://doi.org/10.1109/LCOMM.2017.2657508>

**The effects of local factors on the concentrations and flora of viable fungi in school buildings**

Salonen, Heidi; Castagnoli, Emmanuelle; Vornanen-Winqvist, Camilla; **Kurnitski, Jarek** World Academy of Science, Engineering and Technology. International journal of civil and environmental engineering 2017 / p. 592-595 <http://scholar.waset.org/1307-6892/10007020>

**Effects of wave-induced forcing on a circulation model of the North Sea**

Staneva, Joanna; **Alari, Victor**; Breivik, Øyvind; Bidlot, Jean-Raymond; Mogensen, Kristian Ocean dynamics 2017 / p. 81-101 : ill <https://doi.org/10.1007/s10236-016-1009-0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Effects of work arrangements on creative R&D work outcomes**

**Hazak, Aaro; Männasoo, Kadri; Virkebau, Marko** Eastern European economics 2017 / p. 500-521 : ill <https://doi.org/10.1080/00128775.2017.1381567> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Efficiency and fair access in kindergarten allocation policy design**

**Veski, Andre**; Biro, Peter; Pöder, Kaire; Lauri, Triin Journal of mechanism and institution design 2017 / p. 57-104 : ill <http://doi.org/10.22574/jmid.2017.12.003>

**Efficiency optimization of mini unmanned multicopter**

**Penkov, Igor; Aleksandrov, Dmitri** International review of aerospace engineering 2017 / p. 277-281 : ill <https://doi.org/10.15866/irease.v10i5.12132> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Efficient dark fermentative hydrogen production from enzyme hydrolyzed rice straw by Clostridium pasteurianum (MTCC116)**

Srivastava, Neha; Srivastava, Manish; Kushwaha, Deepika; **Gupta, Vijai Kumar; Manikanta, Ambepu**; Ramteke, Pramod Wasudeo; **Mishra, Pradeep Kumar** Bioresource technology 2017 / p. 552-558 : ill <https://doi.org/10.1016/j.biortech.2017.04.077> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Efficient event log mining with LogClusterC**

**Zhuge, Chen; Vaarandi, Risto** The Third IEEE International Conference on Big Data Security on Cloud, IEEE BigDataSecurity 2017 : The Third IEEE International Conference on High Performance and Smart Computing, IEEE HPSC 2017 : The Second IEEE International Conference on Intelligent Data and Security, IEEE IDS 2017 : proceedings : 26-28 May 2017, Beijing, China 2017 / p. 261-266 : tab <http://doi.org/10.1109/BigDataSecurity.2017.26>

**eGovernance and online service delivery in Estonia**

**Meyerhoff Nielsen, Morten** dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 300-309 : ill <https://doi.org/10.1145/3085228.3085284>

**E-governance in providing public services in Estonia: a case study**

**Roots, Lehte** Zeszyty naukowe politechniki Poznanskiej 2017 / p. 77-93 [http://www.zeszyty.fem.put.poznan.pl/numery/ZN\\_OiZ\\_PP\\_74\\_05.pdf](http://www.zeszyty.fem.put.poznan.pl/numery/ZN_OiZ_PP_74_05.pdf)

**eGovernment and governance : the Danish-Japanese models and timelines compared**

**Meyerhoff Nielsen, Morten** CeDEM Asia 2016 : proceedings of the International Conference for E-Democracy and Open Government : Asia 2016, 7-9 December 2016, Deagu [i.e. Daegu], Republic of Korea 2017 / p. 53-66 : ill [http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem\\_asia/proceedings\\_cedem\\_asia\\_2016.pdf](http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem_asia/proceedings_cedem_asia_2016.pdf)

**Ehitiste elektripaigaldised. Osa 5-51, Elektriseadmete valik ja paigaldamine. Üldjuhised = Electrical installations of buildings. Part 5-51, Selection and erection of electrical equipment. Common rules (IEC 60364-5-51:2005, modified) 2017** <https://www.evs.ee/tooted/evs-hd-60364-5-51-2009+a11+a12>

**Ehitiste elektripaigaldised. Osa 5-51, Elektriseadmete valik ja paigaldamine. Üldjuhised [Võrguteavik] = Electrical installations of buildings. Part 5-51, Selection and erection of electrical equipment. Common rules 2017** [http://www.ester.ee/record=b4741638\\*est](http://www.ester.ee/record=b4741638*est)



### **Ehitusmaavarade levik ja maardlate iseloom [Võrguteavik]**

Vahtra, Helis; **Reinsalu, Enno** Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 46-54 : fot [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

### **Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat [Võrguteavik]**

Kalberg, Heiki; Karus, Maria; **Rammul, Üllar; Reinsalu, Enno** 2017 [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

### **Ehitusmaavarakarjäärade bioloogiline korrastamine [Võrguteavik]**

**Rammul, Üllar;** Keenberg, Liis; Timm, Uudo; Reimann, Margus; Niidas, Aadu Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 152-208 : fot [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

### **Ehitusmaavarakarjäärade tehniline korrastamine [Võrguteavik]**

Sein, Ole; **Reinsalu, Enno** Ehitusmaavarade uuringu- ja kaevandamisalade korrastamise käsiraamat 2017 / lk. 129-151 : fot [http://www.ester.ee/record=b4764891\\*est](http://www.ester.ee/record=b4764891*est) <https://www.digar.ee/arhiiv/nlib-digar:332505> <https://digi.lib.ttu.ee/i/?9461>

### **Ei inimene massina vastu saa!**

**Kallis, Ain** Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/77931654/ei-inimene-massina-vastu-saa>

### **80 economic bestsellers before 1850 : a fresh look at the history of economic thought [Online resource]**

**Reinert, Erik S.;** Carpenter, Kenneth; Reinert, Fernanda A.; Reinert, Sophus A. 2017 <http://technologygovernance.eu/files/main//2017051103164242.pdf>

### **E-Justiz in Russland**

Krimmer, Maren; **Krimmer, Robert Johannes** Trends und Communities der Rechtsinformatik = Trends and Communities of Legal Informatics : Tagungsband des 20 Internationalen Rechtsinformatik Symposions IRIS 2017 2017 / S. 299

### **E-Justiz in Russland [Online Ausgabe]**

Krimmer, Maren; **Krimmer, Robert Johannes** Jusletter IT 2017 <https://jusletter-it.weblaw.ch/issues/2017/IRIS.html>

### **Eksaminandile matemaatika riigieksamist [2017]**

Uudelepp, Helgi; **Lõhmus, Ahto** 2017 [http://www.ester.ee/record=b1442174\\*est](http://www.ester.ee/record=b1442174*est)

### **El colapso del regimen comunista en Estonia**

**Ramiro Troitino, David;** Kerikmäe, Tanel; **Atallah, Max** El colapso del comunismo (1989-1991) : visiones desde Europa y America 2017 / p. 125-138

### **El modelo de integracion Europea del primer ministro Britanico Winston Churchill**

**Ramiro Troitino, David;** Paz Pando Ballesteros, Maria de la Revista de Occidente 2017 / [13] p <http://www.ortegaygasset.edu/publicaciones/revistadeoccidente/junio-2017>

### **Elas kord üks tellis ...**

Studioosus 2017 / lk. 24-26 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Elavhõbe hakkab meie elust kaduma**

**Kallis, Ain** Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/79200624/elavhobe-hakkab-meie-elust-kaduma>

### **Electric impedance measurement of tissue phantom materials for development of medical diagnostic systems**

**Kõiv, Hip;** Pesti, Ksenija; **Gordon, Rauno** Progress reports on impedance spectroscopy : measurements, modeling, and application 2017 / p. 131-137 : ill <https://doi.org/10.1515/9783110449822-013>

### **Electrocatalysis of oxygen reduction by iron-containing nitrogen-doped carbon aerogels in alkaline solution**

Sarapuu, Ave; **Kreek, Kristiina;** Kisand, Kaarel; Kook, Mati; **Uibu, Mai;** **Koel, Mihkel;** Tammeveski, Kaido Electrochimica acta 2017 / p. 81-88 : ill <https://doi.org/10.1016/j.electacta.2017.01.157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electrochemical and photoelectrochemical characterization of SnS photoabsorber films**

**Kois, Julia;** **Bereznev, Sergei;** **Maricheva, Jelena;** **Naidu, Revathi** Materials science in semiconductor processing 2017 / p. 76-81 : ill <https://doi.org/10.1016/j.mssp.2016.10.036> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Electrochemical behaviour of TiCN and TiAlN gradient coatings prepared by lateral rotating cathode arc PVD technology**

**Baroninš, Janis;** **Podgurski, Vitali;** **Antonov, Maksim;** **Bereznev, Sergei;** **Hussainova, Irina** Engineering materials and tribology XXV 2017 / p. 414-418 <https://doi.org/10.4028/www.scientific.net/KEM.721.414> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Electroconductive composite of zirconia and hybrid graphene/alumina nanofibers**

Hussainova, Irina; Drozdova, Maria; Perez-Coll, Domingo Journal of the European Ceramic Society 2017 / p. 3713-3719 : ill <https://doi.org/10.1016/j.jeurceramsoc.2016.12.033> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

**Electroconductive oxide ceramics with hybrid graphenated nanofibers = Elektri juhtiva oksiid-graafenkiudkeraamika tehnoloogia ja püsivus**

Drozdova, Maria 2017 <https://digi.lib.ttu.ee/ii/?9119> [http://www.ester.ee/record=b4748247\\*est](http://www.ester.ee/record=b4748247*est)

**Electrodeposited nanostructured CdSe/CdS matrix for hybrid solar cells [Online resource]**

Maricheva, Jelena; Bereznev, Sergei; Maticiu, Natalia; Volobujeva, Olga; Kois, Julia Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

**Electrodeposition of cadmium chalcogenide films for hybrid solar cells = Kaadmiumkalkogeniidkilede elektrokeemiline sadestamine kasutamiseks hübriid-päikesepatareides**

Maricheva, Jelena 2017 [http://www.ester.ee/record=b4747305\\*est](http://www.ester.ee/record=b4747305*est) <https://digi.lib.ttu.ee/ii/?9117>

**Electronic Government : 16th IFIP WG 8.5 International Conference : EGOV 2017, St. Petersburg, Russia, September 4-7, 2017 : proceedings**

2017 <http://dx.doi.org/10.1007/978-3-319-64677-0>

**Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings**

2017 <https://doi.org/10.1007/978-3-319-52240-1>

**Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings**

2017 <http://dx.doi.org/10.1007/978-3-319-68687-5>

**Electrospinning of a polymer membrane reinforced with carbon nanotubes = Süsinik nanotorudega tugevdatud polümeerse membraani elektroketrus**

Vassiljeva, Viktoria 2017 <https://digi.lib.ttu.ee/ii/?9129> [https://www.ester.ee/record=b4750923\\*est](https://www.ester.ee/record=b4750923*est)

**Elegant sed ventilatsioonilahendused inseneride ja arhitektide koostööna**

Leet, Lauri Ehitaja 2017 / lk. 36-37 : fot [https://artiklid.elnet.ee/record=b2819288\\*est](https://artiklid.elnet.ee/record=b2819288*est)

**Elektrilevi võrgulaboris arendatakse Eesti suurimat robotit**

Rammus, Kristin Mente et Manu 2017 / lk. 35 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html) [https://artiklid.elnet.ee/record=b2816036\\*est](https://artiklid.elnet.ee/record=b2816036*est)

**Elektrimasinate alused**

Janson, Kuno; Kallaste, Ants 2017 [http://www.ester.ee/record=b4694078\\*est](http://www.ester.ee/record=b4694078*est) <https://digikogu.taltech.ee/et/Item/eb44ad2b-8758-41cd-9483-f8fdb1d40a1c>

**Elektritraktoriga otse merre? Miks ka mitte?**

Tiidemann, Tiit Director. Inseneria 2017 / lk. 108-111 : fot [http://www.ester.ee/record=b1519314\\*est](http://www.ester.ee/record=b1519314*est) [https://artiklid.elnet.ee/record=b2824268\\*est](https://artiklid.elnet.ee/record=b2824268*est)

**Elering liitus Prototroniga**

Finantsjuhtimine : infoleht 2017 / lk. 6 [http://www.ester.ee/record=b2082311\\*est](http://www.ester.ee/record=b2082311*est)

**Elu nagu etendus : Siberi ja Kremli kaudu Rootsi kuningriiki**

Tõugu, Enn 2017 [http://www.ester.ee/record=b4695380\\*est](http://www.ester.ee/record=b4695380*est)

**Elu pärast lõpetamist : kolme vilistlase vaade**

Prii, Maris; Hioväin, Indrek; Kimmel, Reigo Mente et Manu 2017 / lk. 28-31 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1) [https://artiklid.elnet.ee/record=b2826909\\*est](https://artiklid.elnet.ee/record=b2826909*est)

**Elvi Tavast : 6.IV 1944 - 7. VI 2016**

Karukäpp, Reet; Miidel, Avo; Raukas, Anto Eesti Geograafia Seltsi aastaraamat = Yearbook of the Estonian Geographical Society. 42. kd 2017 / lk. 265-275 : fot [http://www.ester.ee/record=b1237665\\*est](http://www.ester.ee/record=b1237665*est)

**Embedded instrumentation toolbox for screening marginal defects and outliers for production**

Odintsov, Sergei; Jutman, Artur; Devadze, Sergei; Aleksejev, Igor IEEE AUTOTESTCON 2017 : Schaumburg, USA, Sept 11-14, 2017 : proceedings 2017 / p. 336-334 : ill <https://doi.org/10.1109/AUTEST.2017.8080516>

**Embedded software performance estimations at different compiler optimisation levels**

**Ruberg, Priit; Lass, Keijo; Liiv, Elvar; Ellervee, Peeter** Advances in Information, Electronic and Electrical Engineering (AIEEE) : proceedings of the 5th IEEE Workshop, november 24-25, 2017, Riga, Latvia 2017 / p. 1-6 : ill  
<https://doi.org/10.1109/AIEEE.2017.8270530>

**Emerging trends in nanoparticle synthesis using plant extracts for biomedical applications**

**Rauwel, Protima; Rauwel, Erwan** Global journal of nanomedicine 2017 / art. 555562, p. 1-3  
<http://https://juniperpublishers.com/gjn/pdf/GJN.MS.ID.555562.pdf>

**Emeriitprofessor Karl Õiger sai puitmaja sõbra aunimetuse**

Kodu & Ehitus : TM 2017 / lk. 6 : fot [http://www.ester.ee/record=b1740684\\*est](http://www.ester.ee/record=b1740684*est)

**Emeriitprofessor Karl Õigeri tööd tunnustati Eesti puitmaja sõbra aunimetusega**

Mente et Manu 2017 / lk. 11 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html) [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Employer attitude towards telework in real estate sector**

**Arvola, Rene; Tint, Piia; Kristjuhan, Ülo** Economic Science for Rural Development : proceedings of the International Scientific Conference. No 46, New dimensions in the development of society. Home economics. Finance and taxes 2017 / p. 15-22 : tab  
[http://www.esaf.ltu.lv/sites/esaf/files/files/lapas/Krajums\\_Nr\\_46\\_13042017.pdf](http://www.esaf.ltu.lv/sites/esaf/files/files/lapas/Krajums_Nr_46_13042017.pdf)

**Employers\* role in the improvement of safety level in Estonian enterprises**

**Hrenov, Georgi; Reinhold, Karin; Tint, Piia** Vide. Tehnologia. Resursi : XI starptautiskas zinatniski praktiskas konferences material 2017. gada 15.-17. junijs. 1. sejums = Environment. Technology. Resources : proceedings of the 11th International Scientific and Practical Conference, June 15-17, 2017. Volume I 2017 / p. 115-120 : tab <https://doi.org/10.17770/etr2017vol1.2520>

**EMSA 2016 publications chairs preface**

Manzin, Alessandra; Asenjo, Agustina; **Belahcen, Anouar**; Butta, Mattia IEEE transactions on magnetics 2017 / 0200603, p. 1-3 : fot  
<https://doi.org/10.1109/TMAG.2017.2670446>

**Enablers and constraints of peripheral air cargo - a case study of Estonia**

**Niine, Tarvo; Kolbre, Ene; Miina, Aleksandr** Journal of air transport management 2017 / p. 106-114 : ill  
<https://doi.org/10.1016/j.jairtraman.2016.07.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enamik laste lemmiktoite pole põnnidele sobivad**

Põhjarannik 2017 / lk. 7

**Enantioselective construction of acyclic quaternary carbon stereocenters : palladium-catalyzed decarboxylative allylic alkylation of fully substituted amide enolates**

**Starkov, Pavel**; Moore, Jared T.; Duquette, Douglas C.; Stoltz, Brian M.; Marek, Ilan Journal of the American Chemical Society 2017 / p. 9615-9620 : ill <https://doi.org/10.1021/jacs.7b04086> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enantioselective H-bond catalyzed spirocyclopropanation and Wittig [2,3]-rearrangement = Enantioselektiivne H-sideme katalüüsitud spirotsüklopropaneerimine ja Wittigi [2,3]-ümberasetusreaktsioon**

**Ošeka, Maksim** 2017 [http://www.ester.ee/record=b4752914\\*est](http://www.ester.ee/record=b4752914*est) <https://digi.lib.ttu.ee/i/?9226>

**Enantioselective one-pot synthesis of  $\alpha,\beta$ -epoxy ketones via aerobic oxidation of cyclopropanols**

**Elek, Gabor Zoltan; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry** Organic letters 2017 / p. 3544-3547 : ill  
<https://doi.org/10.1021/acs.orglett.7b01519> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enantioselective synthesis of epoxyketones via aerobic oxidation of cyclopropanols**

**Elek, Gabor Zoltan; Borovkov, Victor; Lopp, Margus; Kananovich, Dzmitry** Open Readings 2017 : 60th International Conference for Students of Physics and Natural Sciences, March 14-17, 2017, Vilnius, Lithuania : programme and abstracts 2017 / p. 140 : ill  
[http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017\\_abstracts\\_book.pdf](http://www.openreadings.eu/wp-content/uploads/2017/03/OR2017_abstracts_book.pdf)

**Endine muuseumijuht kaebas ülikooli kohtusse : [Liia Rebane kaebas TTÜ kohtusse]**

Randla, Siim Õhtuleht 2017 / lk. 7 <https://www.oh tuleht.ee/822649/endine-muuseumijuht-kaebas-ulikooli-kohtusse>

**Endobiotic rugose coral symbionts in Silurian tabulate corals from Estonia (Baltica)**

Vinn, Olev; Liang, Kun; **Toom, Ursula** Palaios 2017 / p. 158-165 : ill <https://doi.org/10.2110/palo.2016.084> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Endolichenic Fungi: a hidden reservoir of next generation biopharmaceuticals**

Singh, Brahma N.; Upreti, Dalip K.; **Gupta, Vijai Kumar**; Dai, Xiao-Feng; Jiang, Yueming Trends in biotechnology 2017 / p. 808-813  
<https://doi.org/10.1016/j.tibtech.2017.03.003> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Enekaad nõuavad ohvreid : [selfidest]**

Dreger, Janno Studioosus 2017 / lk. 4-5 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Energeetikanõukogu**

**Hamburg, Arvi** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 35-37  
[http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)

### **Energiakontsern Utilitas avas TTÜ Mektorys unikaalse küttelabori**

Mente et Manu 2017 / lk. 34 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)  
[https://artiklid.elnet.ee/record=b2811471\\*est](https://artiklid.elnet.ee/record=b2811471*est)

### **Energiat tootev teekate ei ole enam utoopia**

**Kendra, Ain** Transport ja Teed 2017 / lk. 16-18 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est) [https://artiklid.elnet.ee/record=b2818050\\*est](https://artiklid.elnet.ee/record=b2818050*est)

### **Energy council**

**Hamburg, Arvi** Estonian Academy of Sciences year book 2016 2017 / p. 39-41

### **Energy efficiency evaluation method for mobile robot platform design = Liikuva robotplatvormi energia efektiivsuse hindamise meetod**

**Väljaots, Eero** 2017 <https://digi.lib.ttu.ee/i/?7414> [https://www.ester.ee/record=b4665023\\*est](https://www.ester.ee/record=b4665023*est)

### **Energy efficiency of hydronic space-heating distribution systems in super-insulated residential buildings**

Georges, Laurent; Iwanek, Tomasz; **Thalfeldt, Martin** Building Simulation 2017 : proceedings of the 15th IBPSA Conference San Francisco, CA, USA, Aug. 7-9, 2017 2017 / p. 1576-1585 : ill [http://www.ibpsa.org/proceedings/BS2017/BS2017\\_421.pdf](http://www.ibpsa.org/proceedings/BS2017/BS2017_421.pdf)

### **Energy management in a centrifugal pumping plant**

**Vodovozov, Valery; Raud, Zoja** 17th IEEE International Conference on Smart Technologies : IEEE EUROCON 2017 : 6-8 July 2017, Ohrid, Macedonia : conference proceedings 2017 / p. 347-352 : ill <https://doi.org/10.1109/EUROCON.2017.8011133>

### **Energy saving in centrifugal pumps using mutual pressure and flowrate control**

**Serbin, Aleksandr; Petlenkov, Eduard; Vodovozov, Valery** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [5] p. : ill <http://dx.doi.org/10.1109/RTUCON.2017.8124805>

### **Energy scheduling of battery storage systems in micro grids**

**Armstorfer, Andreas; Biechl, Helmut; Rosin, Argo** Scientific Journal of Riga Technical University. Electrical, control and communication engineering 2017 / p. 27-33 : ill <https://doi.org/10.1515/ecce-2017-0004>

### **Energy-aware task scheduling by a true online reinforcement learning in wireless sensor networks**

**Khan, Muhidul Islam; Xia, Kewen; Ali, Ahmad; Aslam, Nelofar** International journal of sensor networks 2017 / p. 244-258  
<http://dx.doi.org/10.1504/IJSNET.2016.10001403>

### **Engineered resistant-starch (ERS) diet shapes colon microbiota profile in parallel with the retardation of tumor growth in In Vitro and In Vivo pancreatic cancer models**

Panebianco, Concetta; **Adamberg, Kaarel; Adamberg, Signe; Jaagura, Madis; Kolk, Kaia; Vilu, Raivo** Nutrients 2017 / art. 331, p. 1-16 : ill <https://doi.org/10.3390/nu9040331> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhanced IoT-based end-to-end emergency and disaster relief system**

Ben Arbia, Dhafer; **Alam, Muhammad Mahtab**; Kadri, Abdullah; Ben Hamida, Elyes; Attia, Rabah Journal of sensor and actuator networks 2017 / art. 19, p. 1-18 : ill <https://doi.org/10.3390/jsan6030019> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Enhanced sensing properties of cobalt bis-porphyrin derivative thin films by a magneto-plasmonic-opto-chemical sensor**

Colombelli, A.; Manera, Maria Grazia; **Borovkov, Victor**; Giancane, Gabriele Sensors and actuators B : chemical 2017 / p. 1039-1048 : ill <https://doi.org/10.1016/j.snb.2017.01.192> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Enhancing D-bar reconstructions for electrical impedance tomography with conformal maps [Online resource]**

Hyyönen, Nuutti; **Päivärinta, Lassi Juhani; Tamminen, Janne Pertti Olavi** arXiv.org 2017 / p. 1-27 : ill  
<https://arxiv.org/abs/1702.07531v1>

### **Enhancing requirements engineering in agile methodologies by agent-oriented goal models : two empirical case studies**

**Tenso, Tanel; Norta, Alexander**; Rootsi, Hannes; **Taveter, Kuldar**; Vorontsova, Irina 2017 IEEE 25th International Requirements Engineering Conference Workshops : proceedings 2017 / p. 268-275 : ill <http://doi.org/10.1109/REW.2017.24>

### **Enn ja meie ühine aeg**

**Ajaots, Mairo** 2017 [http://www.ester.ee/record=b4700038\\*est](http://www.ester.ee/record=b4700038*est)

### **Enn Tõugu mitme vaatusega etendus**



### **Ensuring sustainability of public transport system through rational management**

Makarova, Irina; **Pashkevich, Anton**; Shubenkova, Ksenia Procedia engineering 2017 / p. 137-146 : ill  
<https://doi.org/10.1016/j.proeng.2017.01.078> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Entrepreneurial and innovative potential of higher education institutions - the example of Estonian universities**

**Kallaste, Marianne**; Pöder, Anne; Raudsaar, Mervi; **Venesaar, Urve** ICERI 2017 : 10th International Conference of Education, Research and Innovation Seville (Spain) 16-18 November 2017 : conference proceedings 2017 / p. 8800–8808  
<http://dx.doi.org/10.21125/iceri.2017.2420>

### **Environmental changes induced by human activities in the Northern Curonian Lagoon (Eastern Baltic) : diatoms and stable isotope data**

Vaikutiene, Giedre; Skipityte, Raminta; Mažeika, Jonas; **Martma, Tõnu** Estonian journal of earth sciences 2017 / p. 93-108 : ill  
<https://doi.org/10.3176/earth.2017.07> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Erasmus+ toel välismaale õppima**

Potter, Riina Studioosus 2017 / lk. 10-11 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Erik Ani : "Mõtle roheliselt!"**

**Ani, Erki** Mente et Manu 2017 / lk. 48-51 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)  
[https://artiklid.elnet.ee/record=b2811488\\*est](https://artiklid.elnet.ee/record=b2811488*est)

### **Erratum: More Comprehensive Forensic Genetic Marker Analyses for Accurate Human Remains Identification Using Massively Parallel DNA Sequencing[BMC Genomics. 2016;17 Suppl 9:750.] DOI:10.1186/s12864-016-3087-2**

Ambers, Angie D.; Churchill, Jennifer D.; King, Jonathan L.; **Stoljarova, Monika**; Gill-King, Harrell; Assidi, Mourad; Abu-Elmagd, Muhammad; Buhmeida, Abdelbaset; Al-Qahtani, Mohammed; Budowle, Bruce BMC genomics 2017 / art. 312, 1 p.  
<https://doi.org/10.1186/s12864-017-3648-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Esimene Eesti maakond läbib digiauditi**

Saarmann, Tanel; **Riives, Jüri** Eesti Päevaleht 2017 / lk. 18 <https://arileht.delfi.ee/artikkel/80055698/esimene-eesti-maakond-labib-digiauditi-aga-mitte-riigi-eestvedamisel>

### **Esimene Eesti oma elektronarvuti**

Juske, Jaak Sada põnevad lugu Eesti Vabariigist 2017 / lk. 101 [https://www.ester.ee/record=b4742461\\*est](https://www.ester.ee/record=b4742461*est)

### **Esimene tõsine südamehaiguste häirekell jääb sageli tähelepanuta**

Rõuk, Paula-Johanna; **Viigimaa, Margus** Postimees 2017 / Terviseeri, lk. 6-7 <https://tervis.postimees.ee/4279597/esimene-tosine-sudamehaiguste-hairekell-poetakse-sageli-labi-markamatult>

### **Esimese astme õppekavade reformist**

**Haavapuu, Hanna; Mere, Laura** Mente et Manu 2017 / lk. 18-21 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html)  
[https://artiklid.elnet.ee/record=b2816024\\*est](https://artiklid.elnet.ee/record=b2816024*est)

### **Esimese rektori mõju ulatub meie päevade haridusellu : [Epi Tohvri ettekandest Georg Friedrich Parrot' kohta]**

Hanson, Raimu; **Tohvri, Epi** Tartu Postimees 2017 / lk. 8 <https://tartu.postimees.ee/4115831/esimese-rektori-moju-ulatub-meie-paevade-haridusellu>

### **Esimesed aastad**

**Uiga, Endel** Mente et Manu 2017 / lk. 69-70 : ill [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)  
[https://artiklid.elnet.ee/record=b2811498\\*est](https://artiklid.elnet.ee/record=b2811498*est)

### **1. augustil ühineb Tallinna tehnikaülikooliga IT kolledž**

Mente et Manu 2017 / lk. 8 [https://www.ttu.ee/public/m/mente-et-manu/MM\\_04\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_04_2017/mobile/index.html#p=1)  
[https://artiklid.elnet.ee/record=b2826895\\*est](https://artiklid.elnet.ee/record=b2826895*est)

### **1. juulist kehtima hakkavatest elektri võrgutasudest**

**Rajangu, Väino** Elektriala 2017 / lk. 32 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) [https://artiklid.elnet.ee/record=b2819692\\*est](https://artiklid.elnet.ee/record=b2819692*est)

### **1. novembrist kehtima hakkavatest elektri võrgutasudest**

**Rajangu, Väino** Elektriala 2017 / lk. 28-29 [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est)

### **Essential English for Maritime Communication**

2017 [http://www.ester.ee/record=b4699537\\*est](http://www.ester.ee/record=b4699537*est) <https://digikogu.taltech.ee/et/Item/2d630681-6b45-4b7d-b113-67ffbb479e20>

### **Estimating sparse signals using integrated wide-band dictionaries**

**Butsenko, Maksim;** Swärd, Johan; Jakobsson, Andreas 2017 IEEE International Conference on Acoustics, Speech, and Signal Processing : proceedings : March 5-9, 2017, Hilton New Orleans Riverside, New Orleans, Louisiana, USA 2017 / p. 4426-4430 : ill <https://doi.org/10.1109/ICASSP.2017.7952993> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estimation of flow turbulence metrics with a lateral line probe and regression**

Chen, Ke; **Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco; Toming, Gert;** Musall, Mark; Strokina, Nataliya; Kämäräinen, Joni-Kristian; **Kruusmaa, Maarja** IEEE transactions on instrumentation and measurement 2017 / p. 651-660 : ill <https://doi.org/10.1109/TIM.2017.2658278> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Estonia**

**Pärn-Lee, Evelin** Implementation of the EU Damages Directive in Central and Eastern European countries 2017 / p. 109-125 <http://dx.doi.org/10.7172/978-83-65402-53-0.2017.vvz.1>

**Estonia : report 2016 - study question (patents)**

Kartus, Raul; **Kukrus, Ants** AIPPI yearbook 2016/ IV : 2016 AIPPI World Congress - Milan, September 16, 2016 - September 20, 2016 : Added Matter : The Standard for Determining Adequate Support for Amendments : working guidelines, group reports, resolutions 2017 / p. 74-78 [http://aippi.org/wp-content/uploads/2017/12/2016\\_Yearbook\\_41.pdf](http://aippi.org/wp-content/uploads/2017/12/2016_Yearbook_41.pdf)

**Estonia, 12 points! Eurovisionist. Televisionist. Visioonist**

Paadam, Juhan 2017 [http://www.ester.ee/record=b4650572\\*est](http://www.ester.ee/record=b4650572*est)

**Estonian code of conduct for research integrity**

2017 [http://www.ester.ee/record=b4761004\\*est](http://www.ester.ee/record=b4761004*est)

**Estonian discussions on economic policy : presidency of the Estonian EU Council July-December 2017 : scientific discussions on economic policy in Estonia for the twenty fifth time (1984-2017) = Estnische Gespräche über Wirtschaftspolitik : Präsidentschaft des estnischen EU-Rates Juli-Dezember 2017 : estnische wirtschaftspolitische Gespräche schon fünfundzwanzig Jahre in Folge (1984-2017) = Eesti majanduspoliitilised väitlused : Eesti Euroopa Liidu Nõukogu eesistujana juuli-detsember 2017 : kahekümne viiendat korda-aastat majanduspoliitilisi teadusväitlusi Eestis (1984-2017)**

2017 [http://www.ester.ee/record=b2280774\\*est](http://www.ester.ee/record=b2280774*est)

**Estonian discussions on economic policy : problems of the national regional policy. Special edition in honour of prof. Sulev Mäeltsemees. Scientific discussions on economic policy in Estonia for the twenty fifth time (1984-2017) = Estnische Gespräche über Wirtschaftspolitik : Probleme der staatlichen Regionalpolitik. Festschrift für Prof. Sulev Mäeltsemees. Estnische wirtschaftspolitische Gespräche schon fünfundzwanzig Jahre in Folge (1984-2017) = Eesti majanduspoliitilised väitlused : riigi regionaalpoliitika probleemid prof. Sulev Mäeltsemehele pühendatud eriväljaanne : kahekümne viiendat korda majanduspoliitilisi teadusväitlusi Eestis (1984-2017) : [artiklite kokkuvõtted]**  
2017

**Estonian guideline for pavement geosynthetics**

**Sillamäe, Sven** [The 29th Baltic Road Conference : 27-30 August 2017 Tallinn] 2017 / p. 16 : ill [Pavements and materials](#)

**Estonian nature**

**Piirimäe, Kristjan** 2017 [https://www.ester.ee/record=b4671596\\*est](https://www.ester.ee/record=b4671596*est)

**Estonian research 2016**

2017 [http://www.ester.ee/record=b4638026\\*est](http://www.ester.ee/record=b4638026*est)

**Estonian traffic behaviour monitoring studies 2001-2016 : overview and results**

**Ess, Juri; Antov, Dago** The Baltic journal of road and bridge engineering 2017 / p. 167-173 <https://doi.org/10.3846/bjrbe.2017.20> [http://www.ester.ee/record=b2222369\\*est](http://www.ester.ee/record=b2222369*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Estonia's seventh national communication : under the United Nations Framework Convention on Climate Change**

2017 [https://www.ester.ee/record=b1067973\\*est](https://www.ester.ee/record=b1067973*est)

**ETAIS2 ühendab võimsad arvutuskeskused teaduspilveks**

**Kaevand, Toomas** Mente et Manu 2017 / lk. 20-21 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1) [https://artiklid.elnet.ee/record=b2820640\\*est](https://artiklid.elnet.ee/record=b2820640*est)

**Ethical lawyer or moral computer - historical and contemporary discourse on incredulity between the human and a machine**

**Kerikmäe, Tanel; Mürsepp, Peeter; Särav, Sandra; Chochia, Archil** Вісник Національної академії правових наук України 2017 / p. 27-42

**Ethics and sustainability in the communication of Tallinn City Theatre**

Kooskora, Mari; **Ojasoo, Merle**; Roostalu, Lea 4th International Multidisciplinary Scientific Conference on Social Sciences and Arts SGEM 2017, SGEM2017 : conference proceedings 2017 / p. 173-180 <https://sgemworld.at/ssgemlib/spip.php?article4685>

**EU charter : its nature, innovative character and horizontal effect**

**Kerikmäe, Tanel** Проблеми законності = Problems of legality = Проблемы законности 2017 / с. 168-181  
<http://plaw.nlu.edu.ua/article/view/104023>

**Eulerian and Lagrangian submesoscale coherent structures on the sea surface driven by coastal upwelling: a case study for the Gulf of Finland**

**Väli, Germa**; Zhurbas, Victor; **Laanemets, Jaan**; **Lips, Urmas** From small scales to large scales - The Gulf of Finland Science Days 2017, 9th-10th October 2017, Estonian Academy of Sciences, Tallinn : Oral presentations 2017 / p. 43

**Euro-Argo in work and new potential of gliders in the Baltic Sea BOOS [Online resource]**

Alenius, Pekka; Tikka, Kimmo; **Lips, Urmas** International Conference Operational Oceanography Serving Sustainable Marine Development : 3-5 October 2017, Bergen, Norway : book of abstracts 2017 / p. 19-20  
[http://eurogoos.imr.no/resources/EuroGOOS\\_Conference\\_2017\\_BoA.pdf](http://eurogoos.imr.no/resources/EuroGOOS_Conference_2017_BoA.pdf)

**Euroopa tasemel väitlus tuleb Tallinnasse**

Gnadenteich, Selene Studiosus 2017 / lk. 12-13 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Euroopa teadusuuringute nõukogust**

**Engelbrecht, Jüri** Horisont 2017 / lk. 6 : portr [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est) [https://artiklid.elnet.ee/record=b2819535\\*est](https://artiklid.elnet.ee/record=b2819535*est)

**Euroopa ühtne patendikaitse**

**Kukrus, Ants** Sirp 2017 / lk. 34-36 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/euroopa-uhne-patendikaitse/>

**Evaluation of losses in three-level neutral-point-clamped and T-type quasi-Z-source inverters with modified carrier based modulation method**

Ruiz-Cortes, M.; Romero-Cadaval, Enrique; Roncero-Clemente, Carlos; Gonzalez-Romera, Eva; **Husev, Oleksandr** 2017 11th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG 2017) : Cadiz, Spain, 4-6 April 2017 2017 / p. 638-643 : ill <https://doi.org/10.1109/CPE.2017.7915247>

**Evaluation of low- and high-voltage GaN transistors in soft-switching DC-DC converter**

**Blinov, Andrei**; **Kosenko, Roman**; **Chub, Andrii** 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference proceedings 2017 / p. 544-547 : ill  
<https://doi.org/10.1109/UKRCON.2017.8100299>

**Evaluation of residual stresses in PVD coatings by means of strip substrate length variation and curvature method of plate substrate**

Lille, Harri; Ryabchikov, Alexander; Kõo, Jakub; **Adoberg, Eron**; **Lind, Liina**; **Kurissoo, Liisa**; **Peetsalu, Priidu** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 212-218 <https://doi.org/10.4028/www.scientific.net/SSP.267.212> [Journal metrics at Scopus](#)  
[Article at Scopus](#)

**Evaluation of residual stresses in PVD coatings by means of the curvature method of plate**

Lille, Harri; Ryabchikov, Alexander; **Adoberg, Eron**; **Kurissoo, Liisa**; **Peetsalu, Priidu**; **Lind, Liina** Engineering materials and tribology XXV 2017 / p. 404-408 <https://doi.org/10.4028/www.scientific.net/KEM.721.404> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Evaluation of the effect of test medium on total Cu body burden of nano CuO-exposed Daphnia magna: A TXRF spectroscopy study**

**Muna, Marge**; Heinlaan, Margit; Blinova, Irina; Vija, Heiki; Kahru, Anne Environmental pollution 2017 / p. 1488-1496 : ill  
<https://doi.org/10.1016/j.envpol.2017.07.083> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Evaluation of wear rate of nanocrystalline diamond films using Abbott curve**

**Bogatov, Andrei**; **Podgurski, Vitali** Materials Engineering 2017 : selected, peer reviewed papers from the 26th International Baltic Conference on Materials Engineering 2017, October 26-27, Kaunas, Lithuania 2017 / p. 185-189 : ill  
<https://doi.org/10.4028/www.scientific.net/SSP.267.185> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Evaluation of VoIP QoS performance in wireless mesh networks**

**Meeran, Mohammad Tariq**; **Anus, Paul**; **Alam, Muhammad Mahtab**; **Le Moullec, Yannick** Information 2017 / art. 88, p. 1-26 : ill  
<https://doi.org/10.3390/info8030088> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Examining coastal upwellings from a Lagrangian perspective in the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille**; **Mingelaite, Toma**; **Soomere, Tarmo** Geophysical research abstracts 2017 / p. EGU2017-18648 <https://meetingorganizer.copernicus.org/EGU2017/EGU2017-18648.pdf>

### **Examining Lagrangian surface transport during a coastal upwelling in the Gulf of Finland, Baltic Sea**

**Delpeche-Ellmann, Nicole Camille; Mingelaite, Toma; Soomere, Tarmo** Journal of marine systems 2017 / p. 21-30 : ill

<https://doi.org/10.1016/j.jmarsys.2016.10.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Example of automatic safety systems based on power line communication and Microsoft Azure**

**Daukaev, Kamil; Rassõlkin, Anton; Belahcen, Anouar** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 95-96 : ill

[http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

### **Experience marketing from a teaching and learning perspective [Online resource]**

**Leppiman, Anu; Riivits-Arkonsuo, Iivi** Proceedings of 16th International Marketing Trends Conference, 16th IMTC 2017 2017 / 10

p <http://archives.marketing-trends-congress.com/2017/index.html>

### **Experimental analysis of cost optimization for electrical floor heating systems in volatile energy markets**

**Uuemaa, Madis; Uleksin, Taaniel; Tammoja, Heiki** 2017 International Conference on Control, Artificial Intelligence, Robotics &

Optimization (ICCAIRO), 20-22 May 2017 : proceedings 2017 / p. 177-181 <http://doi.ieeecomputersociety.org/10.1109/ICCAIRO.2017.42>

### **Experimental analysis of end mill axis inclination and its influence on 3D areal surface texture parameters**

**Logins, Andris; Rosado Castellano, Pedro; Torims, Toms; Gutierrez, Santiago C.; Sergejev, Fjodor** Proceedings of the Estonian

Academy of Sciences 2017 / p. 194-201 : ill <https://doi.org/10.3176/proc.2017.2.09> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est)

[https://artiklid.elnet.ee/record=b2820942\\*est](https://artiklid.elnet.ee/record=b2820942*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Experimental and numerical analysis of HPTE on mechanical properties of materials and strain distribution**

**Omranpour Shahreza, Babak; Kulagin, Roman; Ivanisenko, Yulia; Sanchez, E. Garcia** 7th International Conference on

Nanomaterials by Severe Plastic Deformation 2-7 July 2017, Sydney, Australia 2017 / art. 012047, 6 p.: ill <https://doi.org/10.1088/1757-899X/194/1/012047> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Experimental study of steered fibre composite production**

**Haavajõe, Anti; Mikola, Madis; Osali, Hadi; Pohlak, Meelis; Herranen, Henrik** Proceedings of the Estonian Academy of Sciences

2017 / p. 295-299 : ill <https://doi.org/10.3176/proc.2017.3.09> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est)

[https://artiklid.elnet.ee/record=b2824306\\*est](https://artiklid.elnet.ee/record=b2824306*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Experimental validation of simulation and measurement-based overheating assessment approaches for residential buildings**

**Simson, Raimo; Kurnitski, Jarek; Kuusk, Kalle** Architectural science review 2017 / p. 192-204 : ill

<https://doi.org/10.1080/00038628.2017.1300130> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Exploiting factory telemetry to support virtual reality simulation in robotics cell**

**Kuts, Vladimir; Modoni, Gianfranco E.; Terkaj, Walter; Tähemaa, Toivo; Sacco, Marco; Otto, Tauno** Augmented Reality, Virtual

Reality, and Computer Graphics : 4th International Conference, AVR 2017, Ugento, Italy, June 12-15, 2017 : proceedings. Part I 2017

/ p. 212-221 : ill [https://doi.org/10.1007/978-3-319-60922-5\\_16](https://doi.org/10.1007/978-3-319-60922-5_16) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Exploring and demonstrating the once-only principle : a European perspective**

**Krimmer, Robert Johannes; Kalvet, Tarmo; Toots, Maarja; Cepilovs, Aleksandrs; Tambouris, Efthimios dg.o** 2017 : the

proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in

Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 546-551 : ill <https://doi.org/10.1145/3085228.3085235> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Exploring the practice of making informal payments in the health sector : some lessons from Greece**

**Horodnic, Adrian; Williams, Colin; Polese, Abel; Zait, Adriana; Oprea, Liviu** The informal economy in global perspective : varieties of

governance 2017 / p. 157-172 [https://doi.org/10.1007/978-3-319-40931-3\\_9](https://doi.org/10.1007/978-3-319-40931-3_9)

### **Exposure to sublethal concentrations of Co3O4 and Mn2O3 nanoparticles induced elevated metal body burden in Daphnia magna**

**Heinlaan, Margit; Muna, Marge; Juganson, Katre; Oriekhova, Olena; Stoll, Serge; Kahru, Anne; Slaveykova, Vera** Aquatic

toxicology 2017 / p. 123-133 : ill <https://doi.org/10.1016/j.aquatox.2017.06.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extended defects in ZnO : efficient sinks for point defects**

**Azarov, Alexander; Rauwel, Protima; Hallen, Anders; Monakhov, Edouard; Svensson, Bengt G.** Applied physics letters 2017 / p.

022103-1 - 022103-5 : ill <https://doi.org/10.1063/1.4973463> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Extending and applying a logic for pragmatics**

**Carrara, Massimiliano; Chiffi, Daniele; De Florio, Ciro** Logique et analyse 2017 / p. 227-244 <https://doi.org/10.2143/LEA.239.0.3237152>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



### **Fabrication of Cu-Mo composites combining SHS and SLS technologies : poster presentation**

**Aydinyan, Sofiya; Minasyan, Tatevik;** Kirakosyan, Hasmik; **Aghayan, Marina; Hussainova, Irina;** Kharatyan, Suren ECerS 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9–13, 2017, Budapest, Hungary : Book of abstracts 2017 / p. 48 <https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

### **Fabrication of polydimethylsiloxane stamps**

**Dhoska, Klodian;** Sinani, Uljan; Komina, Bledar 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 11-14 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

### **Facile and environmentally benign aerobic cascade oxidation of substituted cyclopentane-1,2-diones using metalloporphyrin catalysts [Online resource]**

**Maljutenko, Karolin; Borovkov, Victor; Kananovich, Dzmitry; Lopp, Margus** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

### **Factors influencing the business value of e-government services for small and medium sized enterprises**

**Ritso, Valter; Kindel, Kristiina; Venesaar, Urve** Research in economics and business : Central and Eastern Europe 2017 / p. 41-61

### **Fair Trade and social responsibility - whose duty? Estonian consumers attitudes and beliefs**

**Riivits-Arkonsuo, Iivi; Ojasoo, Merle; Leppiman, Anu;** Mänd, Kristjan Agronomy research 2017 / p. 1771-1781 : ill <https://doi.org/10.15159/AR.17.064> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **A fancy sink**

Stepanenko, Dmitrii Studioosus 2017 / lk. 20-21 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Fast iterative circuits and RAM-based mergers to accelerate data sort in software/hardware systems**

Sklyarov, Valery; Skliarova, Iuliia; **Rjabov, Artjom; Sudnitsõn, Aleksander** Proceedings of the Estonian Academy of Sciences 2017 / p. 323-335 : ill <https://doi.org/10.3176/proc.2017.3.07> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fast processing of non-repeated values in hardware**

Skliarova, Iuliia; Sklyarov, Valery; **Sudnitsõn, Aleksander** Elektronika ir elektrotehnika = Electronics and electrical engineering 2017 / p. 74-77 : ill <https://doi.org/10.5755/j01.eie.23.3.18336> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fast pyrolysis as a new approach to the upgrading of oil shale retorting methods**

**Pikkor, Heliis; Maaten, Birgit; Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 23 [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

### **Fast shoreline erosion induced by ship wakes in a coastal lagoon : field evidence and remote sensing analysis**

Zaggia, Luca; Lorenzetti, Giuliano; Manfe, Giorgia; **Soomere, Tarmo** PLoS ONE 2017 / art. e0187210, p. 1-23 : ill <https://doi.org/10.1371/journal.pone.0187210> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fault-resilient NoC router with transparent resource allocation**

**Putkaradze, Tsotne; Azad, Siavoosh Payandeh; Niazmand, Behrad; Raik, Jaan; Jervan, Gert** 12th International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC2017), July 12-14, 2017, Madrid, Spain : proceedings 2017 / 8 p. : ill <https://doi.org/10.1109/ReCoSoC.2017.8016161> <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=8016161>

### **Fear of knowledge : clinical hypotheses in diagnostic and prognostic reasoning**

**Chiffi, Daniele;** Zanotti, Renzo Journal of evaluation in clinical practice 2017 / p. 928-934 <https://doi.org/10.1111/jep.12664> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Feasibility of a multi-tier cyber physical system as a self-aware entity**

**Tammemäe, Kalle; Hollstein, Thomas** AmiES-2017 : Ambient Intelligence and Embedded Systems : International Symposium, 14-16 September, 2017, Vaasa, Finland 2017 / 3 p. : ill <http://amies-2017.international-symposium.org/abstracts.html#tammemae>

### **A feasibility study of municipal solid waste incineration fly ash utilisation in Estonia**

**Berber, Hakan;** Frey, Ruedi; **Voronova, Viktoria;** Koroljova, Arina Waste management and research 2017 / p. 904-912 : ill <https://doi.org/10.1177/0734242X17707574> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Features of thermohaline structure and circulation in the Gulf of Riga = Termohaliinse struktuuri ja tsirkulatsiooni muistrid Liivi lahes**

**Skudra, Maris** 2017 <https://digi.lib.ttu.ee/i/?7182> [https://www.ester.ee/record=b4649794\\*est](https://www.ester.ee/record=b4649794*est)

**Feedback linearization of an active magnetic bearing system operated with a zero-bias flux**

Mystkowski, Arkadiusz; **Kaparin, Vadim; Kotta, Ülle**; Pawluszewicz, Ewa; **Tõnso, Maris** International journal of applied mathematics and computer science 2017 / p. 539-548 : ill <https://doi.org/10.1515/amcs-2017-0038> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Feedback linearization of possibly non-smooth systems**

**Kaldmäe, Arvo; Kotta, Ülle**; Shumsky, Alexey; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 109-123 <https://doi.org/10.3176/proc.2017.2.01> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [https://artiklid.elnet.ee/record=b2820923\\*est](https://artiklid.elnet.ee/record=b2820923*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Female emigration from North Africa to Europe - intercultural functions**

Pando Ballestros, Maria de la Paz; **Ramiro Troitino, David** L'Europe unie = United Europe 2017 / p. 1-13 <https://www.ceeol.com/search/journal-detail?id=1955>

**Ferrous ion-activated persulphate process for landfill leachate treatment : removal of organic load, phenolic micropollutants and nitrogen**

**Kattel, Eneliis; Dulova, Niina** Environmental technology 2017 / p. 1223-1231 : ill <https://doi.org/10.1080/09593330.2016.1221472> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fiber orientation in the bottom layer of a small fiber concrete plate**

**Herrmann, Heiko; Tuisk, Tanel; Braunbrück, Andres** Colloquium 582 : Short Fibre Reinforced Cementitious Composites and Ceramics : book of abstracts, March 20-22, 2017 2017 / p. [14-15] : ill [http://www.ester.ee/record=b4658990\\*est](http://www.ester.ee/record=b4658990*est)

**Filmiparemik Evelini silmade läbi**

Tümanok, Evelin Studioosus 2017 / lk. 20-21 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Final Trial Report 2nd Wave (cCBT)**

Txarramendieta, Jon; Fullaondo, Ana; Manuel Keenoy, Esteban de; Vis, Christiaan; Etzelmüller, Anne; Pinto, Ana G.; Sierra, Modesto; Piera, Jordi; Fernandez, Susana; Cavallo, Marco; **Sogomonjan, Melita** 2017 <https://doi.org/10.48726/0xye3-4e272>

**Financial development, institutions, and poverty alleviation : an empirical analysis**

**Cepparulo, Alessandra**; Cuestas, Juan Carlos; Intartaglia, Maurizio Applied economics 2017 / p. 3611-3622 : tab <https://doi.org/10.1080/00036846.2016.1265074> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Financial difficulties and well-being - the implications of debt repayment problems for consumption**

**Kukk, Merike** Eesti 100 - teel avatusele? : Eesti sotsiaalteaduste X aastakonverents : 24.-25. märts 2017, Tallinna Ülikool 2017 / p. 24 [http://www.ester.ee/record=b4665434\\*est](http://www.ester.ee/record=b4665434*est)

**Financial reporting quality in China : a perspective of qualitative characteristics**

**Zheng, Xiaosong; Chen, Jiao** Transformations in business & economics 2017 / p. 148-163 <http://www.transformations.knf.vu.lt/42/article/fina>

**Financing mechanisms for disaster risk reduction in the built environment**

**Witt, Emlyn David Qivitoq; Lill, Irene** Proceedings of the 9th Nordic Conference on Construction Economics and Organization : 13-14 June, 2017 at Chalmers University of Technology, Göteborg, Sweden 2017 / p. 514-524 : ill [https://creon-net.org/wp-content/uploads/2017/07/9th\\_Proceedings.pdf](https://creon-net.org/wp-content/uploads/2017/07/9th_Proceedings.pdf)

**Finantsarvestus : põhikursus**

**Alver, Lehte; Alver, Jaan** 2017 [http://www.ester.ee/record=b4609568\\*est](http://www.ester.ee/record=b4609568*est)

**Finantsarvestuse ülesannete kogu**

**Nikitina-Kalamäe, Monika** 2017 [http://www.ester.ee/record=b4701065\\*est](http://www.ester.ee/record=b4701065*est)

**FINEST Twins : platform for cross-border smart city solutions**

**Soe, Ralf-Martin** dg.o 2017 : the proceedings of the 18th Annual International Conference on Digital Government Research : Innovations and Transformations in Government : June 7-9, 2017, Staten Island, NY, USA 2017 / p. 352-357 : ill <https://doi.org/10.1145/3085228.3085287> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Finite element modelling for the optimization of microheating in disposable molecular diagnostics**

**Pardy, Tamas; Rang, Toomas**; Tulp, Indrek International journal of computational methods and experimental measurements 2017 / p. 13-22 : ill <https://doi.org/10.2495/CMEM-V5-N1-13-22> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Finiteness and rational sequences, constructively**

**Uustalu, Tarmo; Veltri, Niccolo** Journal of functional programming 2017 / art. e13, p. 1-20 <https://doi.org/10.1017/S0956796817000041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fire protection provided by insulation materials - a new design approach for timber frame assemblies**

**Tiso, Mattia; Just, Alar** Structural engineering international 2017 / p. 231-237 <https://doi.org/10.2749/101686617X14881932435899>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **First European physics olympiad**

**Kalda, Jaan** Europhysics news 2017 / p. 4-5 : phot <http://epn.eps.org/EPN%2048-4#p=5>

### **First report of Hosta virus X infecting hosta plants in Ukraine**

**Shchetytnina, A.; Budzanivska, I.; Pereboyshuk, O.; Sõmera, Merike; Truve, Erkki** Acta virologica 2017 / p. 498-499  
[https://doi.org/10.4149/av\\_2017\\_415](https://doi.org/10.4149/av_2017_415) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **First results on load model estimation using digital fault recorder measurements**

**Leinakse, Madis; Sarnet, Tanel; Kangro, Triin; Kilter, Jako** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 101-105 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

### **Fiscal crisis and expenditure cuts : the influence of public management practices on cutback strategies in Europe**

**Raudla, Ringa; Douglas, James W.; Savi, Riin; Randma-Liiv, Tiina** American review of public administration 2017 / p. 376-394 : tab <https://doi.org/10.1177/0275074016661029> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fixed-term contracts - a turnoff for R&D employees [Online resource]**

**Hazak, Aaro** 2017 <http://tutecon.eu/index.php/tutecon/article/view/35>

### **Flatness based control of a HVAC system**

**Kaldmäe, Arvo; Kotta, Ülle** Information technology and control 2017 / p. 499-507 : ill <https://doi.org/10.5755/j01.itc.46.4.17697> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Flow velocity estimation using a fish-shaped lateral line probe with product-moment correlation features and a neural network**

**Tuhtan, Jeffrey Andrew; Fuentes-Pérez, Juan Francisco; Toming, Gert; Kruusmaa, Maarja** Flow measurement and instrumentation 2017 / p. 1-8 : ill <https://doi.org/10.1016/j.flowmeasinst.2016.10.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Fluid body interaction of biomimetic underwater robots = Biomimeetiliste robotite ja vedeliku vastasmõju**

**Toming, Gert** 2017 <https://digi.lib.ttu.ee/i/?7304> [https://www.ester.ee/record=b4665016\\*est](https://www.ester.ee/record=b4665016*est)

### **Flussabwärts gerichtete Fischwanderung an mittelgroßen Fließgewässern in Österreich**

**Schneider, Josef; Ratschan, Clemens; Heisey, Paul; Tuhtan, Jeffrey Andrew** Wasserwirtschaft 2017 / S. 39-44 : ill <https://www.springerprofessional.de/flussabwaerts-gerichtete-fischwanderung-an-mittelgrossen-fliessg/15274054> <https://doi.org/10.1007/s35147-017-0207-0> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Foamroll - targa treenija truu abivahend**

**Sööt, Kaisa; Aedma, Kristi** Studioosus 2017 / lk. 14-15 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Fookus paika : müüa tuleb usaldust**

**Jekimov, Dmitri; Põdra, Priit; Koha, Andres; Mets, Oliver** TööstusEST 2017 / lk. 36-40 : portr [http://www.ester.ee/record=b4481084\\*est](http://www.ester.ee/record=b4481084*est)  
[https://artiklid.elnet.ee/record=b2829170\\*est](https://artiklid.elnet.ee/record=b2829170*est)

### **Forecasting models for non-performing loans in the EU countries**

**Staehr, Karsten; Uusküla, Lenno** 2017 [http://www.ester.ee/record=b4731354\\*est](http://www.ester.ee/record=b4731354*est)

### **Forecasting the Estonian rate of inflation using factor models**

**Reigl, Nicolas Andreas** Baltic journal of economics 2017 / p. 152-189 <https://doi.org/10.1080/1406099X.2017.1371976> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Foreword**

**Soomere, Tarmo** Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 5-7

### **Formalizing restriction categories**

**Chapman, James; Uustalu, Tarmo; Veltri, Niccolo** Journal of formalized reasoning 2017 / p. 1-36 <https://doi.org/10.6092/issn.1972-5787/6237> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Formation and growth of Cu<sub>2</sub>ZnSnS<sub>4</sub> monograin powder on molten Cd = Cu<sub>2</sub>ZnSnS<sub>4</sub> moodustumine ja monoterapulbri kasv Cd sulafaasi keskkonnas**

**Nkwusi, Godswill** 2017 <https://digi.lib.ttu.ee/i/?7690> [https://www.ester.ee/record=b4678707\\*est](https://www.ester.ee/record=b4678707*est)

## **Forschung und Technik**

Rost, Ulrich; Weibel, Uwe; Wüst, Steffen; **Fuentes-Pérez, Juan Francisco; Tuhtan, Jeffrey Andrew** Biologische Durchgängigkeit von Fließgewässern : Ausgewählte Beiträge aus der Fachzeitschrift WasserWirtschaft 2017 / S. 491-602 [http://dx.doi.org/10.1007/978-3-658-13990-2\\_6](http://dx.doi.org/10.1007/978-3-658-13990-2_6)

## **Forward and backward shifts of vector fields : towards the dual algebraic framework**

**Mullari, Tanel; Kotta, Ülle**; Bartosiewicz, Zbigniew; Pawluszewicz, Ewa; Moog, Claude IEEE transactions on automatic control 2017 / p. 3029-3033 <https://doi.org/10.1109/TAC.2016.2608718> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Fosforiit - meie ühine rikkus**

**Raukas, Anto** 2017 [http://www.ester.ee/record=b4696931\\*est](http://www.ester.ee/record=b4696931*est)

## **Four-span dispersion map optimization for improved nonlinearity mitigation in phase-sensitive amplifier links**

**Astra, Egon**; Eliasson, Henrik; **Andrekson, Peter Avo** 2017 European Conference on Optical Communication (ECOC 2017), Gothenburg, Sweden, 17-21 September 2017 2017 / p. 424-426 : ill <https://doi.org/10.1109/ECOC.2017.8345968>

## **14,000 years of climate-induced changes in carbon resources sustaining benthic consumers in a small boreal lake (Lake Tollari, Estonia)**

Belle, Simon; **Poska, Anneli**; Hossann, Christian; Tönno, Ilmar Climatic change 2017 / p. 205-219 : ill <https://doi.org/10.1007/s10584-017-2074-1> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Fractal and multifractal analysis of complex networks : Estonian network of payments**

**Rendon de la Torre, Stephanie**; **Kalda, Jaan**; **Kitt, Robert**; **Engelbrecht, Jüri** The European physical journal B 2017 / art. 234, p. 1-8 : ill <https://doi.org/10.1140/epjb/e2017-80214-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Fractional-order modeling and control of dynamic systems : doctoral thesis accepted by Tallinn University of Technology, Tallinn, Estonia**

**Tepljakov, Aleksei** 2017 [http://www.ester.ee/record=b4744055\\*est](http://www.ester.ee/record=b4744055*est) <http://dx.doi.org/10.1007/978-3-319-52950-9>

## **A framework for data-driven public service co-production**

**Toots, Maarja; McBride, Keegan David Braun; Kalvet, Tarmo; Krimmer, Robert Johannes** Electronic Government : 16th IFIP WG 8.5 International Conference : EGOV 2017, St. Petersburg, Russia, September 4-7, 2017 : proceedings 2017 / p. 264-275 : ill [https://doi.org/10.1007/978-3-319-64677-0\\_22](https://doi.org/10.1007/978-3-319-64677-0_22) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Framing 'evidence' and scenario stories in strategic spatial planning**

Mäntysalo, Raine; **Grišakov, Kristi** Situated practices of strategic planning : an international perspective 2017 / p. 348-361 : ill

## **Frankenstack : toward real-time red team feedback**

**Kont, Markus; Pihelgas, Mauno; Maennel, Kaie**; Blumbergs, Bernhards; **Lepik, Toomas** MILCOM 2017 - 2017 IEEE Military Communications Conference : Baltimore, Maryland, USA, 23-25 October 2017 2017 / p. 400-405 : ill <https://doi.org/10.1109/MILCOM.2017.8170852> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Frederik Vichmann : 22.04.1935-05.08.2013**

**Puusepp, Peeter** Aastaraamat 2013-2016 / Eesti Matemaatika Selts 2017 / lk. 115-117 : fot <https://dea.digar.ee/cgi-bin/dea?a=is&oid=Jvarmteestimatemaatika201707&type=staticpdf> [http://www.ester.ee/record=b1226018\\*est](http://www.ester.ee/record=b1226018*est)

## **Free amino acids in the Arctic snow and ice core samples : potential markers for paleoclimatic studies**

Barbaro, Elena; Spolaor, Andrea; Karroca, Ornella; Park, Ki-Tae; **Martma, Tõnu** Science of the total environment 2017 / p. 454-462 : ill <https://doi.org/10.1016/j.scitotenv.2017.07.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **From catastrophism to catastrophe theory [Online resource]**

**Müürsepp, Peeter** Historiae scientiarum Baltica 2017 : abstracts of the XXVIII International Baltic Conference on the History of Science : May 18-20, 2017, Tartu, Estonia 2017 / p. 38 [http://www.ester.ee/record=b4677628\\*est](http://www.ester.ee/record=b4677628*est) [http://dspace.ut.ee/bitstream/handle/10062/56393/abstracts\\_2017.pdf?sequence=4&isAllowed=y](http://dspace.ut.ee/bitstream/handle/10062/56393/abstracts_2017.pdf?sequence=4&isAllowed=y)

## **From determinacy analysis to zero factor free determinacy analysis and universal generator of hypotheses : development of algorithms = Determinatsioonanalüüsist nullfaktorivaba determinatsioonanalüüsi ja universaalse hüpoteeside generaatorini : algoritmid arendus**

**Lind, Grete** 2017 <https://digi.lib.ttu.ee/i/79121> [https://www.ester.ee/record=b4743672\\*est](https://www.ester.ee/record=b4743672*est)

## **From discrete gravity survey data to a high-resolution gravity field representation in the Nordic-Baltic region**

**Märdla, Silja**; Agren, Jonas; Strykowski, Gabriel; Oja, Tõnis; **Ellmann, Artu** Marine geodesy 2017 / p. 416-453 : ill <https://doi.org/10.1080/01490419.2017.1326428> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



**From envelope to layout : buildings massing and layout generation for solar access in urban environments**

**De Luca, Francesco** eCAADe 2017 : ShoCK! : Sharing of Computable Knowledge : proceedings of the 35th International Conference on Education and Research in Computer Aided Architectural Design in Europe : 20th-22nd September 2017, Rome, Italy. Volume 2 2017 / p. 431-440 : ill <https://doi.org/10.52842/conf.ecaade.2017.2.431> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**From housing to residing : conceptual considerations**

**Paadam, Katrin**; Stoa, Eli; Gromark, Sten; Ilmonen, Mervi Ways of residing in transformation : interdisciplinary perspectives 2017 / p. 3-19

**From misconceptions to energy saving concepts : case study in pumping engineering**

**Vodovozov, Valery** 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 44-50 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

**From online fault detection to fault management in network-on-chips : a ground-up approach**

**Azad, Siavoosh Payandeh**; Niazmand, Behrad; Janson, Karl; Nevin, George; Oyeniran, Adeboye Stephen; Putkaradze, Tsotne; Apneet Kaur; Raik, Jaan; Jervan, Gert; Ubar, Raimund-Johannes; Hollstein, Thomas Proceedings 2017 IEEE 20th International Symposium on Design and Diagnostics of Electronic Circuit & Systems (DDECS) : April 19-21, 2017, Dresden, Germany 2017 / p. 48-53 : ill <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7934553>

**From the communism of capital to capital for the commons**

**Kostakis, Vasileios**; Bauwens, Michel opendemocracy.net 2017 [From the communism of capital to capital for the commons](#)

**Full-scale tests on the co-firing of peat and oil shale in an oil shale fired circulating fluidized bed boiler**

**Pihu, Tõnu**; Konist, Alar; Nešumajev, Dmitri; Loo, Lauri; Molodtsov, Artjom; Valtsev, Aleksandr Oil shale 2017 / p. 250-262 : ill [http://www.ester.ee/record=b1072685\\*est](http://www.ester.ee/record=b1072685*est) <https://doi.org/10.3176/oil.2017.3.04> [https://artiklid.elnet.ee/record=b2824316\\*est](https://artiklid.elnet.ee/record=b2824316*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fully synchronized acoustomechanical testing of skin : biomechanical measurements of nonclassical nonlinear parameters**

**Lints, Martin**; Dos Santos, Serge; Kozena, Colette; Kus, Vaclav; Salupere, Andrus 24th International Congress on Sound and Vibration 2017 (ICSV 24) : London, United Kingdom, 23-27 July 2017. Vol. 3 2017 / p. 1970-1977 : ill [https://www.iiav.org/archives\\_icsv\\_last/2017\\_icsv24/content/papers/papers/full\\_paper\\_867\\_20170403135841549.pdf](https://www.iiav.org/archives_icsv_last/2017_icsv24/content/papers/papers/full_paper_867_20170403135841549.pdf)

**Functions' algebra in nonlinear control : computational aspects and software**

**Belikov, Juri**; Kaldmäe, Arvo; Kaparin, Vadim; Kotta, Ülle; Shumsky, Alexey Ye.; Tõnso, Maris; Zhirabok, Alexey Proceedings of the Estonian Academy of Sciences 2017 / p. 89-107 <https://doi.org/10.3176/proc.2017.1.06> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Fundamental uncertainty and values**

**Chiffi, Daniele**; Pietarinen, Ahti-Veikko Philosophia 2017 / p. 1027-1037 : ill <https://doi.org/10.1007/s11406-017-9865-5> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A fungal catalase reacts selectively with the 13S fatty acid hydroperoxide products of the adjacent lipoxygenase gene and exhibits 13S-hydroperoxide-dependent peroxidase activity**

**Teder, Tarvi**; Boeglin, William E.; Schneider, Claus; Brash, Alan R. Biochimica et Biophysica Acta (BBA) - molecular and cell biology of lipids 2017 / p. 706-715 : ill <https://doi.org/10.1016/j.bbalip.2017.03.011> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**A fuzzy rule-based model for the assessment of macrobenthic habitats under hydropeaking impact**

Schneider, Matthias; Kopecki, Janina; Tuhtan, Jeffrey Andrew River research and applications 2017 / p. 377-387 : ill <http://dx.doi.org/10.1002/rra.3079>

**Future development opportunities on Estonian mining research**

**Karu, Veiko** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 20 [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

**Galerii : [fotod allkirjadega]**

Mente et Manu 2017 / lk. 64-67 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html)

**Galerii : [fotod allkirjadega]**

Mente et Manu 2017 / lk. 54-56 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1)

**Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators**

**Palmiste, Ülar**; Voll, Hendrik IOP conference series : materials science and engineering 2017 / art. 012055, p. 1-7 <https://doi.org/10.1088/1757-899X/251/1/012055> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

---

**Gas-phase optical fiber photocatalytic reactors for indoor air application : a preliminary study on performance indicators**  
**Palmiste, Ülar; Voll, Hendrik** 3rd International Conference "Innovative Materials, Structures and Technologies" : Riga, Latvia, 27-29 September 2017 : [abstracts] 2017 / p. 123

**Gas-phase photocatalytic oxidation of refractory VOCs mixtures : through the net of process limitations**  
**Kritševskaja, Marina; Preis, Sergei; Moiseev, Anna; Pronina, Natalja; Deubener, Joachim** Catalysis today 2017 / p. 93-98 : ill  
<https://doi.org/10.1016/j.cattod.2016.03.041> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Gene expression profiling of puberty-associated genes reveals abundant tissue and sex-specific changes across postnatal development**  
**Hou, Huayun; Uusküla-Reimand, Liis; Makarem, Maisam; Corre, Christina; Saleh, Shems; Metcalf, Ariane; Goldenberg, Anna; Palmert, Mark R.; Wilson, Michael D.** Human molecular genetics 2017 / p. 3585-3599 : ill <https://doi.org/10.1093/hmg/ddx246> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### General frameworks

**Evas, Tatjana; Hoffmann, Thomas; Joamets, Kristi; Kerikmäe, Tanel; Loik, Ramon; Nyman-Metcalf, Katrin Merike; Popov, Aleksandr; Särav, Sandra** The law of the Baltic States 2017 / p. 3-40 [http://www.ester.ee/record=b4673554\\*est](http://www.ester.ee/record=b4673554*est)  
[https://doi.org/10.1007/978-3-319-54478-6\\_1](https://doi.org/10.1007/978-3-319-54478-6_1)

**Generalized Jeffrey conditionalization : a frequentist semantics of partial conditionalization**  
**Draheim, Dirk** 2017 <https://doi.org/10.1007/978-3-319-69868-7>

#### Generating representative executions : extended abstract

**Maarand, Hendrik; Uustalu, Tarmo** 10th Workshop on Programming Language Approaches to Concurrency- and Communication-centric Software : PLACES 2017 : Uppsala, Sweden, 29 April 2017 2017 / p. 39-48 : ill <https://doi.org/10.4204/EPTCS.246.8> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### Generation and development of damage in double forged tungsten in different combined regimes of irradiation with extreme heat loads

**Paju, Jana; Väli, Berit; Laas, Tõnu; Shirokova, Veronika; Antonov, Maksim** Journal of nuclear materials 2017 / p. 91-102 : ill  
<https://doi.org/10.1016/j.jnucmat.2017.07.042> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Generic federated OOP architecture (1st version) : The Once-Only Principle Project [Online resource]**  
**Tepandi, Jaak; Verhoosel, Jack P. C.; Zeginis, Dimitris; Täks, Ermo** 2017

#### Genius Tšehhimaalt

**Luczkowski, Teodor** Tehnikamaailm 2017 / lk. 88 : fot [http://www.ester.ee/record=b1073050\\*est](http://www.ester.ee/record=b1073050*est)  
[https://artiklid.elnet.ee/record=b2825996\\*est](https://artiklid.elnet.ee/record=b2825996*est)

#### Geochemistry of Late Ordovician (Sandbian) volcanism at the south-western margin of the Baltica Plate - using Nb, Zr and Ti for tectono-magmatic interpretation of bentonites

**Kiipli, Tarmo; Hints, Rutt; Kallaste, Toivo; Nielsen, Arne T.; Pajusaar, Siim; Schovsbo, Niels H.** 10th Baltic Stratigraphic Conference : Checiny, 12-14 September 2017 : abstracts and field guide 2017 / p. 43-44 : ill  
[http://geo.uw.edu.pl/tl\\_files/publikacje/10th\\_Baltic\\_Stratigraphic\\_Conference\\_Abstracts\\_and\\_Field\\_Guide.pdf](http://geo.uw.edu.pl/tl_files/publikacje/10th_Baltic_Stratigraphic_Conference_Abstracts_and_Field_Guide.pdf)

#### Geolocation of Tor hidden services : initial results [Online resource]

**Gunn, Lachlan J.; Pikker, Heiki; Maennel, Olaf Manuel; Allison, Andrew; Abbot, Derek** Proceedings of the 3rd Interdisciplinary Cyber Research Workshop 2017 : 8th of July 2017 2017 / p. 67-69 : ill  
[https://www.ttu.ee/public/k/kyberkriminalistika\\_ja\\_kyberjulgeoleku\\_keskus/crw2017\\_final.pdf](https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/crw2017_final.pdf)

#### Georges Frederic Parrot and his idea of a university [Online resource]

**Tohvri, Epi** Historiae scientiarum Baltica 2017 : abstracts of the XXVIII International Baltic Conference on the History of Science : May 18-20, 2017, Tartu, Estonia 2017 / p. 5 [http://www.ester.ee/record=b4677628\\*est](http://www.ester.ee/record=b4677628*est)  
[http://dspace.ut.ee/bitstream/handle/10062/56393/abstracts\\_2017.pdf?sequence=4&isAllowed=y](http://dspace.ut.ee/bitstream/handle/10062/56393/abstracts_2017.pdf?sequence=4&isAllowed=y)

#### Georgia on my mind : a study of the role of governance and cooperation in online service delivery in the Caucasus

**Meyerhoff Nielsen, Morten; Goderdzishvili, Nato** Electronic Government : 16th IFIP WG 8.5 International Conference : EGOV 2017, St. Petersburg, Russia, September 4-7, 2017 : proceedings 2017 / p. 71-91 : ill [https://doi.org/10.1007/978-3-319-64677-0\\_7](https://doi.org/10.1007/978-3-319-64677-0_7)  
<http://www.springer.com/us/book/9783319646763>

#### Gift of friends : togetherness in diversity

**Harjak, Eliise** Studioosus 2017 / lk. 14-15 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

#### GIS-based multiproxy coastline reconstruction of the eastern Gulf of Riga, Baltic Sea, during the Stone Age

**Habicht, Hando-Laur; Rosentau, Alar; Jõelet, Argo; Heinsalu, Atko; Kriiska, Aivar; Kohv, Marko; Hang, Tiit; Aunap, Raivo** Boreas

2017 / p. 83-99 : ill <https://doi.org/10.1111/bor.12157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Global linearization approach to nonlinear control systems : a brief tutorial overview**

**Belikov, Juri; Kaldmäe, Arvo; Kotta, Ülle** Proceedings of the Estonian Academy of Sciences 2017 / p. 243-263  
<https://doi.org/10.3176/proc.2017.3.01> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [https://artiklid.elnet.ee/record=b2824300\\*est](https://artiklid.elnet.ee/record=b2824300*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Glucose impairs aspirin inhibition in platelets through a NAD(P)H oxidase signaling pathway**

**Kobzar, Gennadi; Mardla, Vilja; Samel, Nigulas** Prostaglandins & other lipid mediators 2017 / p. 33-40 : ill  
<https://doi.org/10.1016/j.prostaglandins.2017.07.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **GMO-vastase võitluse eksitavatest valedest : vastukaja**

**Truve, Erkki** Õhtuleht 2017 / lk. 8 <https://www.oh tuleht.ee/787464/erkki-truve-gmo-vastase-voitluse-eksitavatest-valedest>

### **Goals achieved, challenges to conquer**

**Müürsepp, Peeter** Acta Baltica historiae et philosophiae scientiarum 2017 / p. 3-4 [http://www.ester.ee/record=b2941458\\*est](http://www.ester.ee/record=b2941458*est)  
<http://dx.doi.org/10.11590/abhps.2017.1.00>

### **Gone phishin' (but not to jail) [Online resource]**

**Mäses, Sten;** Kikerpill, Kristjan Proceedings of the 3rd Interdisciplinary Cyber Research Workshop 2017 : 8th of July 2017 2017 / p. 29-30 [https://www.ttu.ee/public/k/kyberkriminalistika\\_ja\\_kyberjulgeoleku\\_keskus/crw2017\\_final.pdf](https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/crw2017_final.pdf)

### **Gotlandi lehtede eestikeelsed veerud 1944. Aasta sügisest-täiendus eesti ajakirjanduse ajaloole ja rahvusbibliograafiale**

**Talts, Mait Tuna** 2017 / p. 146-153 <https://tuna.ra.ee/gotlandi-lehtede-eestikeelsed-veerud-1944-aasta-sugisest-taiendus-eesti-ajakirjanduse-ajaloole-ja-rahvusbibliograafiale/> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Governance failure in light of government 3.0 : foundations for building next generation eGovernment maturity models**

**Meyerhoff Nielsen, Morten** Government 3.0 - next generation government technology infrastructure and services : roadmaps, enabling technologies & challenges 2017 / p. 63-109 [https://doi.org/10.1007/978-3-319-63743-3\\_4](https://doi.org/10.1007/978-3-319-63743-3_4)

### **Granulation of oil shale ashes for neutralizing of acidic soils**

**Kaljuvee, Tiit; Jefimova, Jekaterina;** Loide, Valli; **Uibu, Mai; Einard, Marve; Kuusik, Rein, keemik** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 16-17 [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

### **Graphene-ceramic hybrid nanofibers for ultrasensitive electrochemical determination of ascorbic acid**

**Taleb, Masoud; Ivanov, Roman; Bereznev, Sergei;** Kazemi, Sayed Habib; **Hussainova, Irina** Microchimica acta 2017 / p. 897-905 : ill <https://doi.org/10.1007/s00604-017-2085-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Graphical sequent calculi for modal logics**

**Ma, Minghui; Pietarinen, Ahti-Veikko** Electronic proceedings in theoretical computer science 2017 / p. 91-103  
<https://doi.org/10.4204/EPTCS.243.7> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Gravitationally inspired search algorithm for solving agent tasks**

**Spitšakova, Margarita** Baltic journal of modern computing 2017 / p. 87-106 : ill <http://doi.org/10.22364/bjmc.2017.5.1.06>

### **Green Chemistry and reconsidering simple analytical methods**

**Jõul, Piia; Kuhtinskaja, Maria; Vaher, Merike; Koel, Mihkel** Chimica Oggi = Chemistry today 2017 / p. 32-34 : ill  
<http://www.teknoscienze.com/chemistry-today/> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Growth of Scenedesmus obliquus under artificial flue gas with a high sulphur concentration neutralized with oil shale ash**

**Podkuiko, Lara;** Olt, Jüri; Kikas, Timo Proceedings of the Estonian Academy of Sciences 2017 / p. 151-158 : ill  
<https://doi.org/10.3176/proc.2017.2.03> [http://www.ester.ee/record=b2355998\\*est](http://www.ester.ee/record=b2355998*est) [https://artiklid.elnet.ee/record=b2820929\\*est](https://artiklid.elnet.ee/record=b2820929*est) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editorial**

**Lill, Irene;** Perera, Srinath International journal of disaster resilience in the built environment 2017 / p. 2-4  
<https://doi.org/10.1108/IJDRBE-11-2016-0049> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Guest editorial : implementation issues in system-on-chip**

**Ellervee, Peeter;** Nurmi, Jari Journal of signal processing systems 2017 / p. 269-270 <https://doi.org/10.1007/s11265-017-1242-x> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Guest editor's introduction**

**Hazak, Aaro** Eastern European economics 2017 / p. 1-2 <https://doi.org/10.1080/00128775.2016.1259577> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Guyer-Krumhansl-type heat conduction at room temperature**

Van, Peter; **Berezovski, Arkadi**; Fülöp, T.; Gróf, Gy.; Kovács, R.; Lovas, Á.; Verhás, J. EPL 2017 / art. 50005, 7 p. : ill <https://doi.org/10.1209/0295-5075/118/50005> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Haldusreform ja seitse ülikoolilinna : [artiklis ka TTÜ kolledžitest]**

Pajula, Ene Õpetajate Leht 2017 / lk. 13 <https://opleht.ee/2017/02/haldusreform-ja-seitse-ulikoollinna/>

**Haldusreformi ekspertkomisjon**

**Mäeltsemees, Sulev** Eesti kohalik omavalitsus ja liidud - taastamine ning areng 1989-2017 : kogumik 2017 / lk. 149-163 [http://www.ester.ee/record=b4700297\\*est](http://www.ester.ee/record=b4700297*est)

**Hans Michael Krause asjade internetist : inimene on tööstuses ikka kõige tähtsam**

Einama, Kaido Mente et Manu 2017 / lk. 44-47 [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2830878\\*est](https://artiklid.elnet.ee/record=b2830878*est)

**A haplotype specific to North European wheat (Triticum aestivum L.)**

**Tsõmbalova, Jelena**; **Peuša, Hilma**; **Jakobson, Irena**; **Järve, Kadri** Genetic resources and crop evolution 2017 / p. 653-664 : ill <https://doi.org/10.1007/s10722-016-0389-9> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Hauptstadt und Hauptstadtregion im System der lokalen Gebietskörperschaften [Elektronische Ressourcen]**

**Mäeltsemees, Sulev** Estonian discussions on economic policy (Articles) = Eestriische Gespräche über Wirtschaftspolitik (Beiträge) = Eesti majanduspoliitilised väitlused (Artiklid). 1 2017 / S. 87-100 [CD-ROM]

**Hea elu võimalikkusest kahanevas piirilinnas = On the possibility of life in a shrinking border town [Online resource]**

**Tintera, Jiri U** : Eesti urbanistide väljaanne = Estonian urbanists' review U 2017 / lk. 42-51 : fot., ill [http://www.ester.ee/record=b2854246\\*est](http://www.ester.ee/record=b2854246*est)

**Hea juht kuulab oma töötajaid ja märkab nende probleeme esimesena**

**Reinhold, Karin**; **Järvis, Marina** novaator.err.ee 2017 [Hea juht kuulab oma töötajaid ja märkab nende probleeme esimesena](http://novaator.err.ee/2017/02/28/heajuhthoivaboma-02-28-2017)

**Hea spordientusiast, liitu TTÜ tudengispordiga!**

Valge, Lilian Studioosus 2017 / lk. 16-17 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Hea sõbra luuletused**

**Viht, Heli** 2017 [http://www.ester.ee/record=b4689238\\*est](http://www.ester.ee/record=b4689238*est)

**Hea teaduse odav väljamüük**

**Ubar, Raimund-Johannes** Postimees 2017 / lk. 6 <https://teadus.postimees.ee/4343295/raimund-ubar-hea-teaduse-odav-valjamuuk>

**Hea teadustava**

2017 [http://www.ester.ee/record=b4761000\\*est](http://www.ester.ee/record=b4761000*est) [https://www.eetika.ee/sites/default/files/www\\_ut/hea\\_teadustava\\_trukis.pdf](https://www.eetika.ee/sites/default/files/www_ut/hea_teadustava_trukis.pdf)

**Head Eesti asjad : leidused ja leiutajad**

Mäeniit, Piret; Olesk, Arko 2017 [http://www.ester.ee/record=b4647148\\*est](http://www.ester.ee/record=b4647148*est) [http://www.ester.ee/record=b4658867\\*est](http://www.ester.ee/record=b4658867*est)

**Head ja halba ravimitest - ravimijäädgid keskkonnas**

**Haiba, Egge**; Lillenberg, Merike Apteeker 2017 / lk. 26-28

**Head uut õppeaastat! : [fotod allkirjadega]**

Mente et Manu 2017 / lk. 16-17 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)

**Health management for self-aware SoCs based on IEEE 1687 infrastructure**

**Shibin, Konstantin**; **Devadze, Sergei**; Jutman, Artur; Grabmann, Martin; Pricken, Robin IEEE Design & Test 2017 / p. 27-35 : ill <https://doi.org/10.1109/MDAT.2017.2750902> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Heat conduction in microstructured solids**

**Berezovski, Arkadi**; Ván, Peter Internal variables in thermoelasticity 2017 / p. 131-145 [https://doi.org/10.1007/978-3-319-56934-5\\_10](https://doi.org/10.1007/978-3-319-56934-5_10) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Heating rate effect on the thermal behavior of some clays and their blends with oil shale ash additives**

**Kaljuvee, Tiit**; Štubna, Igor; Hulan, Tomaš; **Kuusik, Rein**, **keemik** Journal of thermal analysis and calorimetry 2017 / p. 33-45 : ill <https://doi.org/10.1007/s10973-016-5347-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)



**Heidi Lees ja Piia Jõul. Oht merepõhjas - keemiarelvad**

Lees, Heidi; Jõul, Piia Teadus kolme minutiga : 2015-2016 2017 / lk. [60]-63 : ill [http://www.ester.ee/record=b4654069\\*est](http://www.ester.ee/record=b4654069*est)

**Hendrik Arro 25.07.1925-26.09.2017 : in memoriam**

Elektrila 2017 / lk. 32 : portr [http://www.ester.ee/record=b1240496\\*est](http://www.ester.ee/record=b1240496*est) [https://artiklid.elnet.ee/record=b2826519\\*est](https://artiklid.elnet.ee/record=b2826519*est)

**Hepatitis E virus infection in different groups of Estonian patients and people who inject drugs**

Kuznetsova, Tatiana; Reshetnjak, Irina; Ivanova-Pozdejeva, Anna; Geller, Julia; **Värv, Kairi; Rumvolt, Reet; Vikentjeva, Maria;** Golovljova, Irina 8th European Meeting on Viral Zoonoses, St Raphael, France, 22-25.October, 2017 : program and abstracts 2017 / p. 28 [http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ\\_Scientific\\_Programme\\_171017.pdf](http://euroviralzoon.com/wp-content/uploads/2013/01/8thEMVZ_Scientific_Programme_171017.pdf)

**Heterogeneity of diffusion restrictions in cardiomyocytes = Difusioonitakistuste heterogeensus südamelihaskudede**

Jepihhina, Natalja 2017 <https://digi.lib.ttu.ee/i/?8085> [https://www.ester.ee/record=b4681847\\*est](https://www.ester.ee/record=b4681847*est)

**Hierarchical attention network to manage processing resources of CPSs**

Tammemäe, Kalle SelPhyS Program 2017 <https://www.ict.tuwien.ac.at/selphys2017/program>

**Hierarchical temporal memory implementation on FPGA using LFSR based spatial pooler**

**Kerner, Madis; Tammemäe, Kalle** Proceedings 2017 IEEE 20th International Symposium on Design and Diagnostics of Electronic Circuit & Systems (DDECS) : April 19-21, 2017, Dresden, Germany 2017 / p. 92-95 <https://ieeexplore.ieee.org/stamp/stamp.jsp?tp=&arnumber=7934553>

**High radiofrequency radiation at Stockholm old town : an exposimeter study including the Royal Castle, Supreme Court, three major squares and the Swedish Parliament**

Hardell, Lennart; Carlberg, Michael; **Koppel, Tarmo;** Hedendahl, Lena Molecular and clinical oncology 2017 / p. 462-476 : ill <https://doi.org/10.3892/mco.2017.1180>

**High resolution TSM mapping of dredging operations using automated UAV activated by online in situ measurements : proof on concept**

**Rikka, Sander; Kõuts, Tarmo; Pärt, Siim; Vahter, Kaimo** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 83 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**High strength ductile aluminium matrix composite = Kõrgtugev ja plastne alumiiniumkomposiitmaterjal**

Kallip, Kaspar 2017 <https://digi.lib.ttu.ee/i/?9114> [https://www.ester.ee/record=b4746456\\*est](https://www.ester.ee/record=b4746456*est)

**High strength Ti-6Al-4V alloy fabricated by high-energy cube milling using calcium as process control agent (PCA) and spark plasma sintering**

Babu, N. Kishore; **Kallip, Kaspar;** Leparoux, Marc; AlOgab, Khaled A.; Talari, Mahesh Kumar; Alqathani, N. M. The international journal of advanced manufacturing technology 2017 / p. 445-453 : ill <https://doi.org/10.1007/s00170-017-9994-9>

**High-accuracy reference standards for quantitative two-photon absorption spectroscopy = Kõrgtäpsusega standardid kvantitatiivses kahefootonses neeldumisspektroskoopias**

Reguardati Di Castelfranco, Sophie De 2017 <https://digi.lib.ttu.ee/i/?8432> [https://www.ester.ee/record=b4689249\\*est](https://www.ester.ee/record=b4689249*est)

**High-level test data generation for software based self-test in microprocessors**

**Oyeniran, Adeboye Stephen; Jasnetski, Artjom; Tšertov, Anton; Ubar, Raimund-Johannes** 2017 6th Mediterranean Conference on Embedded Computing (MECO) : including ECYPS'2017 : proceedings : research monograph : Bar, Montenegro, June 11th-15th, 2017 2017 / p. 86-91 : ill <https://doi.org/10.1109/MECO.2017.7977167>

**High-level test generation for processing elements in many-core systems**

**Oyeniran, Adeboye Stephen; Ubar, Raimund-Johannes; Azad, Siavoosh Payandeh; Raik, Jaan** 12th International Symposium on Reconfigurable Communication-centric Systems-on-Chip (ReCoSoC2017), July 12-14, 2017, Madrid, Spain : proceedings 2017 / 8 p. : ill <http://dx.doi.org/10.1109/ReCoSoC.2017.8016156>

**High-performance quasi-Z-source series resonant DC-DC converter for photovoltaic module-level power electronics applications**

**Vinnikov, Dmitri; Chub, Andrii; Liivik, Elizaveta; Roasto, Indrek** IEEE transactions on power electronics 2017 / p. 3634-3650 : ill <https://doi.org/10.1109/TPEL.2016.2591726> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**High-resolution ice dynamics in the Gulf of Finland**

**Lilover, Madis-Jaak; Kõuts, Tarmo;** Leppäranta, Matti The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 17 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

**High-resolution seismic imaging of Paleozoic rocks in the Mora area, Siljan Ring structure, central Sweden**

Muhamad, Harbe; Juhlin, Christopher; Sopher, Daniel; **Lehnert, Oliver**; Arslan, Arzu; Meinhold, Guido GFF 2017 / p. 260-275 : ill <https://doi.org/10.1080/11035897.2017.1386712> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Hirmutavast Irmast marutseva Mariani**

**Kallis, Ain** Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/79559532/hirmutavast-irmast-marutseva-mariani>

#### **Home based monitoring system with wireless sensors that confirm stable balance and motor function readings during remission is feasible for patients with multiple sclerosis**

**Gross-Paju, Katrin**; Maamägi, Heigo; Reilent, Enar; **Kuusik, Alar** Journal of the neurological sciences 2017 / p. 436 <https://doi.org/10.1016/j.jns.2017.08.3444>

#### **Hoonete energiatõhusus [Võrguteavik] : hoonete ventilatsioon. Osa 3, Mitteeluhoonete ventilatsioon. Üldnõuded ventilatsiooni- ja ruumiõhu konditsioneerimise süsteemidele (Moodulid M5-1, M5-4) = Energy performance of buildings : ventilation for buildings. Part 3, For non-residential buildings. Performance requirements for ventilation and room-conditioning systems (Modules M5-1, M5-4)**

2017 [http://www.ester.ee/record=b4740834\\*est](http://www.ester.ee/record=b4740834*est)

#### **Hoonete kuluoptimaalsete energiatõhususe miinimumtasemetega analüüs [Võrguteavik]**

**Arumägi, Endrik**; **Simson, Raimo**; Kuusk, Kalle; **Kalamees, Targo**; **Kurnitski, Jarek** 2017 [https://www.ester.ee/record=b4762265\\*est](https://www.ester.ee/record=b4762265*est)

#### **Host-guest complexes with a chiral hemicucurbit[8]uril [Online resource]**

**Kaabel, Sandra**; **Paberits, Oliver**; Topic, Filip; Rissanen, Kari; **Aav, Riina** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

#### **Hot-spots of large wave energy resources in relatively sheltered sections of the Baltic Sea coast**

**Kovaleva, Olga**; **Eelsalu, Maris**; **Soomere, Tarmo** Renewable and sustainable energy reviews 2017 / p. 424-437 : ill <https://doi.org/10.1016/j.rser.2017.02.033> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **House prices and capital inflows in Spain during the boom: evidence from a cointegrated VAR and a structural Bayesian VAR**

**Cuestas, Juan Carlos** Journal of housing economics 2017 / p. 22-28 : ill <https://doi.org/10.1016/j.jhe.2017.04.002> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **The how and why to Internet voting an attempt to explain E-Stonia**

Vinkel, Priit; **Krimmer, Robert Johannes** Electronic Voting : First International Joint Conference, E-Vote-ID 2016, Bregenz, Austria, October 18-21, 2016 : proceedings 2017 / p. 178-191 : ill [https://doi.org/10.1007/978-3-319-52240-1\\_11](https://doi.org/10.1007/978-3-319-52240-1_11) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **How can agents help in designing complex systems?**

**Taveter, Kuldar**; **Meriste, Merik** Journal of telecommunication, electronic and computer engineering 2017 / p. 1-8 : ill <http://journal.utem.edu.my/index.php/jtec/issue/view/140> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **How could Snowden attack an election?**

Wikström, Douglas; Barrat, Jordi; Heiberg, Sven; **Krimmer, Robert Johannes**; Schürmann, Carsten Electronic Voting : Second International Joint Conference, E-Vote-ID 2017 : Bregenz, Austria, October 24-27, 2017 : proceedings 2017 / p. 280-291 [https://doi.org/10.1007/978-3-319-68687-5\\_17](https://doi.org/10.1007/978-3-319-68687-5_17) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **How does household debt affect financial asset holdings? Evidence from euro area countries**

**Kukk, Merike** Studies in economics and finance 2017 / p. 194-212 : ill <https://doi.org/10.1108/SEF-02-2016-0031> [Journal metrics at Scopus](#) [Article at Scopus](#)

#### **How important is business ethics : evidence from Estonia**

**Gurvits, Natalja**; **Alver, Jaan**; **Alver, Lehte** Zeszyty teoretyczne rachunkowosci = Theoretical journal of accounting 2017 / p. 79-95 : tab <http://dx.doi.org/10.5604/01.3001.0010.3190>

#### **How online lurking contributes value to e-participation : a conceptual approach to evaluating the role of lurkers in e-participation**

**Edelmann, Noella**; **Krimmer, Robert Johannes**; Parycek, Peter 2017 Fourth International Conference on eDemocracy & eGovernment (ICEDEG 2017) : Quito, Ecuador, 19-21 April 2017 / p. 86-93 <https://doi.org/10.1109/ICEDEG.2017.7962517>

#### **How Research Can Help Transform the Construction Industry**

Gehbauer, Fritz; Ballard, Glenn; **Leonova, Margarita** 2017 Lean and Computing in Construction Congress (LC3), Volume II - Part 1 : proceedings of the 25th Annual Conference of the International Group for Lean Construction (IGLC), July 9-12, 2017, Heraklion, Crete, Greece 2017 / p. 293-330 <https://doi.org/10.24928/2017/0240> [http://www.lc3-2017.com/uploads/IGLC\\_Full\\_Proceedings-part\\_1.pdf](http://www.lc3-2017.com/uploads/IGLC_Full_Proceedings-part_1.pdf)

#### **How to commercialise university-generated knowledge internationally? A comparative analysis of contingent institutional**

## conditions

Kalantaridis, Christos; **Küttim, Merle**; Govind, Madhav; Sousa, Cristina Technological forecasting and social change 2017 / p. 35-44 : tab <https://doi.org/10.1016/j.techfore.2017.06.013> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Human factor as the main operational risk in dangerous goods transport chain

Janno, Jelizaveta; **Koppel, Ott** Business logistics in modern management : proceedings of the 17th International Scientific Conference 2017 / p. 63-78 : ill [http://blmm-conference.com/wp-content/uploads/BLMM-book\\_2017\\_final\\_version.pdf](http://blmm-conference.com/wp-content/uploads/BLMM-book_2017_final_version.pdf)

## Human picornaviruses associated with neurological diseases and their neutralization by antibodies

Anastasina, Maria; Domanska, Aušra; **Palm, Kaia**; Butcher, Sarah Journal of general virology 2017 / p. 1145-1158 : ill <https://doi.org/10.1099/jgv.0.000780> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Human tropomyosin-related kinase A and B : from transcript diversity to novel inhibitors = Inimese tropomüosiin-seoselised kinaasid A ja B : transkriptide mitmekesisusest uudetsete inhibiitoriteni

Luberg, Kristi 2017 <https://digi.lib.ttu.ee/i/?7373> [https://www.ester.ee/record=b4665007\\*est](https://www.ester.ee/record=b4665007*est)

## Huvitavat mõnest Eestis nõukogude perioodil ehitatud sillast. [2. osa]

Idnurm, Siim Transport ja Teed 2017 / lk. 36-38 : ill [http://www.ester.ee/record=b1073099\\*est](http://www.ester.ee/record=b1073099*est) [https://artiklid.elnet.ee/record=b2809663\\*est](https://artiklid.elnet.ee/record=b2809663*est)

## Hybrid nanocomposites and ultrastable metal nanoparticles studied for the development of applications in nanomedicine, water purification and energy harvesting

Rauwel, Erwan; Rauwel, Protima; Küünal, Siim; Volobujeva, Olga; Ivask, Angela; Galeckas, Augustinas; Duqroquet, F.; Wragg, David EMN Meeting on Nanoparticles 2017 : May 9th to 13th, 2017 in San Sebastian, Spain 2017 / [1] p

## Hydraulic modelling of oil spill through submerged orifices in damaged ship hulls

Kollo, Monika; Laanearu, Janek; Tabri, Kristjan Ocean engineering 2017 / p. 385-397 : ill <https://doi.org/10.1016/j.oceaneng.2016.11.032> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Hydrogen solubility of shale oil containing polar phenolic compounds

Baird, Zachariah Steven; Uusi-Kyyny, Petri; **Oja, Vahur**; Alopaeus, Ville Industrial and engineering chemistry research 2017 / p. 8738-8747 : ill <https://doi.org/10.1021/acs.iecr.7b00966> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## ICEGOV2017 Special Collection : e-Government Innovations in India : ICEGOV2017 SCII

2017

## Identification and analysis of mtDNA genomes attributed to Finns reveal long-stagnant demographic trends obscured in the total diversity

Översti, Sanni; Onkamo, Päivi; **Stoljarova, Monika**; Budowle, Bruce; Sajantila, Antti; Palo, Jukka U. Scientific reports 2017 / art. 6193, 10 p. : ill <https://doi.org/10.1038/s41598-017-05673-7> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Identification of a kernel in an evolutionary integral equation occurring in subdiffusion

Janno, Jaan; **Kasemets, Kairi** Journal of inverse and ill-posed problems 2017 / p. 777-798 <https://doi.org/10.1515/jiip-2016-0082> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Identification of Estonian weak low voltage grid topologies [Electronic resource]

Vill, Kaija; **Rosin, Argo** 2017 IEEE International Conference on Environment and Electrical Engineering and 2017 IEEE Industrial and Commercial Power Systems Europe (EEEIC / I&CPS Europe) : 6-9 June, 2017, Milan, Italy : conference proceedings 2017 / [5] p. : ill. [DVD] <https://doi.org/10.1109/EEEIC.2017.7977757>

## Identification of households prone to income underreporting : employment status or reported business income?

Kukk, Merike; **Staehr, Karsten** Public finance review 2017 / p. 599-627 : ill <https://doi.org/10.1177/1091142115616182> [Journal metrics at Scopus](#) [Article at Scopus](#)

## Identification of *I. ricinus*, *I. persulcatus* and *I. trianguliceps* species by multiplex PCR

Värv, Kairi; Ivanova, Anna; Geller, Julia; Remm, Jaanus; Jaik, Kertu; Tikunova, Nina; Rar, Vera; Lundkvist, Åke; Golovljova, Irina Ticks and tick-borne diseases 2017 / p. 235-240 : ill <https://doi.org/10.1016/j.ttbdis.2016.11.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## Identification, control and tuning of the motor speed in TIA portal

Ruban, Olga 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 34-37 : ill [http://www.ester.ee/record=b4650094\\*est](http://www.ester.ee/record=b4650094*est)

## Identite nationale et constitutionnelle dans la jurisprudence de la Cour de Justice de l'Union Européenne = National and constitutional identity in the case law of the Court of Justice of the European Union

#### **ID-kaart ning e-riigi bioloogia**

**Tammet, Tanel** Postimees 2017 / lk. 18 [Tanel Tammet : id-kaart ning e-riigi bioloogia https://dea.digar.ee/article/postimees/2017/09/20/17.1](https://dea.digar.ee/article/postimees/2017/09/20/17.1)  
<https://arvamus.postimees.ee/4248607/tanel-tammet-id-kaart-ning-e-riigi-bioloogia>

#### **Iga päev peotäie toidulisandite söömine kergendab kehakaalu asemel pigem kukrut**

Mägi, Kristjan Ats; **Pitsi, Tagli** Eesti Päevaleht 2017 / lk. 17 <https://arileht.delfi.ee/artikkel/79784662/iga-paev-peotae-toidulisandite-soomine-kerkendab-kehakaalu-ase-mer-pigem-kukrut>

#### **Ilm ja film**

**Kallis, Ain** Horisont 2017 / lk. 42-43 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est) [https://artiklid.elnet.ee/record=b2825542\\*est](https://artiklid.elnet.ee/record=b2825542*est)

#### **Ilm ja kunst**

**Kallis, Ain** Horisont 2017 / lk. 32-33 : ill [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

#### **Ilm ja poliitika**

**Kallis, Ain** Horisont 2017 / lk. 44-45 : ill [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

#### **Ilm ja sport**

**Kallis, Ain** Horisont 2017 / lk. 48-49 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est) [https://artiklid.elnet.ee/record=b2819554\\*est](https://artiklid.elnet.ee/record=b2819554*est)

#### **Ilm ja sõda**

**Kallis, Ain** Horisont 2017 / lk. 46-47 : ill [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

#### **Ilm ja tervis**

**Kallis, Ain** Horisont 2017 / lk. 42-43 : fot [http://www.ester.ee/record=b4708219\\*est](http://www.ester.ee/record=b4708219*est) [https://artiklid.elnet.ee/record=b2829194\\*est](https://artiklid.elnet.ee/record=b2829194*est)

#### **Ilm viskas vempe ja tegi tempe, kõikjal**

**Kallis, Ain** Maaleht 2017 / lk. 40 <https://maaleht.delfi.ee/artikkel/80548270/ilm-viskas-vempe-ja-tegi-tempe-koikjal>

#### **Ilmataat pani peolapsed taas proovile**

**Kallis, Ain** Maaleht 2017 / lk. 52 <https://maaleht.delfi.ee/artikkel/78785360/ilmataat-pani-peolapsed-taas-proovile>

#### **Ilmavaatlejate kokkusaamisest**

**Kallis, Ain** Maaleht 2017 / lk. 48 <https://maaleht.delfi.ee/artikkel/79273406/ilmavaatlejate-kokkusaamisest>

#### **Ilmus uus betoonitehnoloogia juhend**

Ehitaja 2017 / lk. 10 : ill [http://www.ester.ee/record=b1072123\\*est](http://www.ester.ee/record=b1072123*est)

#### **Immobile and mobile elements during the transition of volcanic ash to bentonite - an example from the early Palaeozoic sedimentary section of the Baltic Basin**

**Kiipli, Tarmo; Hints, Rutt; Kallaste, Toivo; Verš, Evelin; Voolma, Margus** Sedimentary geology 2017 / p. 148-159 : ill  
<https://doi.org/10.1016/j.sedgeo.2016.11.009> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Impact of apple cultivar, ripening stage, fermentation type and yeaststrain on phenolic composition of apple ciders**

Laaksonen, Oskar; **Kuldjärv, Rain; Paalme, Toomas;** Virkki, Mira; Yang, Baoru Food chemistry 2017 / p. 29-37 : ill  
<https://doi.org/10.1016/j.foodchem.2017.04.067> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Impact of cracks to the hygrothermal properties of CLT water vapour resistance and air permeability**

**Kukk, Villu; Horta, R.; Püssa, Martin; Luciani, Giovanni; Kallakas, Heikko; Kalamees, Targo; Kers, Jaan** Energy procedia 2017 / p. 741-746 : ill <https://doi.org/10.1016/j.egypro.2017.10.019> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

#### **Impact of entrepreneurship teaching models on students' entrepreneurial intentions : the case of Estonia and Hungary**

**Hartšenko, Jelena; Venesaar, Urve** Research in economics and business : Central and Eastern Europe 2017 / p. 72-92  
<http://rebcee.eu/index.php/REB/article/view/107>

#### **Impact of linear thermal bridges on thermal transmittance of renovated apartment buildings**

**Ilomets, Simo; Kuusk, Kalle; Paap, Leena; Arumägi, Endrik; Kalamees, Targo** Journal of civil engineering and management 2017 / p. 96-104 : ill <https://doi.org/10.3846/13923730.2014.976259> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

#### **Impact of Pichia kluyveri and Streptococcus thermophilus fermentation on milk flavour [Online resource]**

Kollo, Kaia; **Kõrge, Kristi** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>



### **Impact of telework on the perceived work environment of older workers**

**Arvola, Rene; Tint, Piia; Kristjuhan, Ülo; Siirak, Virve** Scientific annals of economics and business 2017 / p. 199-214: ill  
<https://doi.org/10.1515/saeb-2017-0013> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Impact of the blending method on the melting characteristics of ashes of biomass blends**

**Link, Siim;** Yrjas, Patrik; Hupa, L. 25th European Biomass Conference and Exhibition : 12-15 June 2017, Stockholm, Sweden : proceedings 2017 / p. 547-551 <https://doi.org/10.5071/25thEUBCE2017-2BV.1.13> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Impact of the recent major inflow on the water column structure in the NE Baltic**

**Liblik, Taavi;** Naumann, M.; Hansson, M.; **Lips, Urmas; Lips, Inga** The 11th Baltic Sea Science Congress "Living Along Gradients : Past, Present, Future" : June 12-16, 2017 : abstracts 2017 / p. 79 [https://www.io-warnemuende.de/tl\\_files/conference/bssc2017/bssc2017-abstract-book.pdf](https://www.io-warnemuende.de/tl_files/conference/bssc2017/bssc2017-abstract-book.pdf)

### **Impact of vacuum and nitrogen annealing on HVE SnS photoabsorber films**

**Revathi, Naidu; Loorits, Mihkel; Kärber, Erki; Volobujeva, Olga; Raudoja, Jaan; Maticiu, Natalia; Bereznev, Sergei; Mellikov, Enn** Materials science in semiconductor processing 2017 / p. 252-257 : ill <https://doi.org/10.1016/j.mssp.2017.08.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Impact of variable geometry miniflaps on sailplane flight characteristics**

Lauk, Peep; Seegel, Karl-Erik; **Tähemaa, Toivo** Aviation 2017 / p. 119-125 <https://doi.org/10.3846/16487788.2017.1415228>

### **Impacts of offshore grid developments in the North Sea region on market values by 2050: How will offshore wind farms and transmission lines pay?**

**Koduvere, Hardi;** Traber, Thure; Koivisto, Matti J. 2017 14th International Conference on the European Energy Market (EEM), 6-9 June, 2017 2017 / p. 1-6 : ill <https://doi.org/10.1109/EEM.2017.7981945>

### **Implementation of a radiology speech recognition system for Estonian using open source software**

**Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar** 18th Annual Conference of the International Speech Communication Association (INTERSPEECH 2017) : Situated Interaction : Stockholm, Sweden, 20 - 24 August 2017 2017 / p. 2168-2172 : ill <http://doi.org/10.21437/Interspeech.2017-928> <http://toc.proceedings.com/36411webtoc.pdf>

### **Implementation of a radiology speech recognition system for Estonian using open source software [online resource]**

**Alumäe, Tanel; Paats, Andrus; Fridolin, Ivo; Meister, Einar** INTERSPEECH 2017 : SITUATED INTERACTION, 20-24 August 2017 Stockholm, Sweden : book of abstracts 2017 / p. 165 [https://www.isca-speech.org/archive/Interspeech\\_2017/booklet.pdf](https://www.isca-speech.org/archive/Interspeech_2017/booklet.pdf) <http://doi.org/10.21437/Interspeech.2017-928>

### **Implementation of e-invoicing principles in Estonian local governments**

**Pappel, Ingrid; Pappel, Ingmar;** Tampere, Terje; **Draheim, Dirk** Proceedings of the 17th European Conference on Digital Government (ECDG) : Military Academy, Lisbon, Portugal, 12-13 June 2017 2017 / p. 127-135 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85028462055&partnerID=40&md5=90db5a1632aa8070dc9d7ae92357ae5f>

### **Implementation of key performance indicators selection model as part of the enterprise analysis model**

**Kaganski, Sergei; Majak, Jüri; Karjust, Kristo; Toompalu, Silver** Procedia CIRP 2017 / p. 283-288 : ill <https://doi.org/10.1016/j.procir.2017.03.143> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Implementing interdisciplinarity in career guidance for secondary school students in forestry and wood, metal and machinery, agriculture and food sectors of industry**

**Ševtšenko, Eduard; Karaulova, Tatjana;** Igavens, Maris; **Kuts, Vladimir** Holistinis mokymasis = Holistic learning 2017 / p. 53-61 <https://doi.org/10.7220/2351-7409.3.5>

### **Importance of safety-learning elements in management system of nursing homes in Estonia**

**Sepp, Jaana** INTED 2017 : 11th International Technology, Education and Development Conference : 6-8 March, 2017, Valencia (Spain) : conference proceedings 2017 / p. 5426-5436 <http://dx.doi.org/10.21125/inted.2017.1264>

### **An improved design model for fire exposed cross laminated timber**

Schmid, Joachim; Klippel, Michael; Frangi, Andrea; **Just, Alar; Tiso, Mattia** International Network on Timber Engineering Research : INTER : Meeting 50, 28-31 August 2017, Kyoto, Japan : proceedings 2017 / p. 475-477 : ill

### **Improved interpolation kernels for super resolution algorithms**

Rasti, Pejman; **Orlova, Olga; Tamberg, Gert;** Ozcinar, Cagri 2016 Sixth International Conference on Image Processing Theory, Tools and Applications : IPTA 2016, Oulu, Finland, December 2016 2017 / [6] p. : ill <https://doi.org/10.1109/IPTA.2016.7820980>

### **Improvement of district heating network energy efficiency by pipe insulation renovation with PUR foam shells**

**Mašatin, Vladislav; Volkova, Anna; Hlebnikov, Aleksandr; Latšov, Eduard** Energy procedia 2017 / p. 265-269 : ill <https://doi.org/10.1016/j.egypro.2017.04.064> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Improving and measuring learning effectiveness at cyber defense exercises**

**Maennel, Kaie; Ottis, Rain; Maennel, Olaf Manuel** Secure IT Systems : 22nd Nordic Conference, NordSec 2017, Tartu, Estonia, November 8-10, 2017 : proceedings 2017 / p. 123-138 : ill [https://doi.org/10.1007/978-3-319-70290-2\\_8](https://doi.org/10.1007/978-3-319-70290-2_8) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Improving job satisfaction with different intervention methods among the school personnel in Estonia and Latvia**

**Hrenov, Georgi; Vilcane, Inese; Urbane, Valentina; Tint, Piia** Agronomy research 2017 / p. 1602-1612  
<https://doi.org/10.15159/ar.17.012> [Journal metrics at Scopus](#) [Article at Scopus](#)

**In memoriam : member of Academy Lembit Krumm : 20.07.1928-13.12.2016**

Estonian Academy of Sciences year book = Annales Academiae Scientiarum Estonicae 2016 2017 / p. 232-233 : portr

**In situ fibrillizing amyloid-beta 1-42 induces neurite degeneration and apoptosis of differentiated SH-SY5Y cells**

**Krishtal, Jekaterina; Bragina, Olga; Metsla, Kristel; Palumaa, Peep; Tõugu, Vello** PLoS ONE 2017 / art. e0186636, 16 p. : ill  
<https://doi.org/10.1371/journal.pone.0186636> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**The incapacity of the Union to act as a reliable actor in the international arena**

**Ramiro Troitino, David; Chochia, Archil; Kerikmäe, Tanel** European Union : political, economic and social issues 2017 / p. 11-32

**Increasing construction quality of External Thermal Insulation Composite System (ETICS) by revealing on-site degradation factors**

**Sulakatko, Virgo; Liisma, Eneli; Soekov, Erki** Procedia environmental sciences 2017 / p. 765-772 : tab  
<https://doi.org/10.1016/j.proenv.2017.03.160>

**India päritolu TTÜ juuralektor : Eesti laevakaitsjate loo lahendus võib võtta pikki aastaid**

**Kressa, Kaarel; Dutt, Pawan Kumar** Eesti Päevaleht 2017 / lk. 4 <https://epl.delfi.ee/artikkel/80317602/india-paritolu-ttu-juuralektor-laevakaitsjate-loo-lahendus-voib-votta-aastaid>

**Indicators for assessing the quality of an energy policy = Energiapoliitika kvaliteedi hindamise indikaatorid**

**Kisel, Einari** 2017 <https://digi.lib.ttu.ee/i/77181> [https://www.ester.ee/record=b4649798\\*est](https://www.ester.ee/record=b4649798*est)

**The influence of carbonation process on concrete bridges and durability in Estonian practice**

**Liisma, Eneli; Sein, Sander; Järvpõld, M.** IOP conference series : materials science and engineering 2017 / art. 012072, 7 p. : ill  
<https://doi.org/10.1088/1757-899X/251/1/012072> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Influence of Cu<sub>2</sub>S, SnS and Cu<sub>2</sub>ZnSnSe<sub>4</sub> on optical properties of Cu<sub>2</sub>ZnSnS<sub>4</sub>**

**Mamedov, D.; Klopov, Mihhail; Karazhanov, S. Zh.** Materials letters 2017 / p. 70-72 : ill <https://doi.org/10.1016/j.matlet.2017.05.069>  
[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of gender on the QT interval variability and duration in different wake-sleep stages in non-sleep apneic individuals : analysis of polysomnographic recordings**

**Viigimäe, Moonika; Karai, Deniss; Pilt, Kristjan; Polo, Olli; Huhtala, Heini; Meigas, Kalju; Kaik, Jüri** Journal of electrocardiology 2017 / p. 444-449 : ill <https://doi.org/10.1016/j.jelectrocard.2017.03.012> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of magnet material selection on the design of slow-speed permanent magnet synchronous generators for wind applications**

**Kallaste, Ants; Vaimann, Toomas; Belahcen, Anouar** Elektronika ir elektrotehnika = Electronics and electrical engineering 2017 / p. 31-38 : ill <https://doi.org/10.5755/j01.eie.23.1.17581> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of microstructure on thermoelastic wave propagation**

**Berezovski, Arkadi; Ván, Peter** Internal variables in thermoelasticity 2017 / p. 163-172 [https://doi.org/10.1007/978-3-319-56934-5\\_12](https://doi.org/10.1007/978-3-319-56934-5_12)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Influence of nonlinearity**

**Berezovski, Arkadi; Ván, Peter** Internal variables in thermoelasticity 2017 / p. 113-120 [https://doi.org/10.1007/978-3-319-56934-5\\_8](https://doi.org/10.1007/978-3-319-56934-5_8)  
[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Influence of oil shale ash addition on thermophysical processes in an illitic clay during heating**

**Csaki, Štefan; Kaljuvee, Tiit; Štubna, Igor; Dobron, Patrik; Vozar, Libor** ECers 2017 : 15th Conference & Exhibition of the European Ceramic Society, July 9-13, 2017, Budapest, Hungary : book of abstracts 2017 / p. 579  
<https://static.akcongress.com/downloads/ecers/ecers2017-abstract-book.pdf>

**Influence of order-disorder in Cu<sub>2</sub>ZnSnS<sub>4</sub> powders on the performance of monograin layer solar cells**

**Timmo, Kristi; Kauk-Kuusik, Marit; Pilvet, Maris; Raadik, Taavi; Altosaar, Mare; Danilson, Mati; Grossberg, Maarja; Raudoja, Jaan; Ernits, Kaia** Thin solid films 2017 / p. 122-126 : ill <https://doi.org/10.1016/j.tsf.2016.10.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of permanent magnet characteristic variability on the wind generator operation**

**Kudrjartsev, Oleg; Kallaste, Ants; Kilk, Aleksander; Vaimann, Toomas; Orlova, Svetlana** Latvian journal of physics and technical sciences 2017 / p. 3-11 : ill <https://doi.org/10.1515/lpts-2017-0001> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Influence of PH on the hydroxide impurities in chemically deposited CDS thin film**

**Üürike, Marvin; Maticiu, Natalia; Volobujeva, Olga; Spalatu, Nicolae; Hiie, Jaan** The 14th International Conference of Young Scientists on Energy Issues : Kaunas, Lithuania, May 25-26, 2017 2017 / p. X-316 - X-323 : ill [http://cyseni.com/archives/proceedings/Proceedings\\_of\\_CYSENI\\_2017.pdf](http://cyseni.com/archives/proceedings/Proceedings_of_CYSENI_2017.pdf)

**Influence of physical-chemical factors on community and populations of the Baltic Sea spring bloom microalgae =**

**Füüsikalise-keemiliste tegurite mõju kevadõitsengu mikrovetikate kooslustele ja populatsioonidele Läänemeres**  
**Sildever, Sirje** 2017 <https://digi.lib.ttu.ee/i/77192> [https://www.ester.ee/record=b4649787\\*est](https://www.ester.ee/record=b4649787*est)

**Influence of residual stress on the stability of steel columns at elevated temperatures**

**Kervališvili, Andrei; Talvik, Ivar** Journal of civil engineering and management 2017 / p. 292-299 : ill <https://doi.org/10.3846/13923730.2015.1068845> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of selenous acid microadditive on electrochemical formation of CdS thin films**

**Maricheva, Jelena; Bereznev, Sergei; Maticiu, Natalia; Volobujeva, Olga; Kois, Julia** Electrochimica acta 2017 / p. 280-286 : ill <https://doi.org/10.1016/j.electacta.2017.05.035> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of the copper content on the optical properties of CZTSe thin films**

**Yakushev, M. V.; Sulimov, M. A.; Marquez-Prieto, J.; Forbes, I.; Krustok, Jüri** Solar energy materials and solar cells 2017 / p. 69-77 : ill <https://doi.org/10.1016/j.solmat.2017.04.022> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of the fiber orientations on the fracture of fiber concrete**

**Herrmann, Heiko; Braunbrück, Andres; Marjapuu, Rasmus-Richard; Tuisk, Tanel** M2D2017 : proceedings of the 7th International Conference on Mechanics and Materials in Design : (Albufeira/Portugal, 11-15 June 2017) 2017 / p. 631-632 : ill [https://paginas.fe.up.pt/~m2d/Proceedings\\_M2D2017/data/papers/Book.pdf](https://paginas.fe.up.pt/~m2d/Proceedings_M2D2017/data/papers/Book.pdf)

**Influence of the interface on the photoluminescence properties in ZnO carbon-based nanohybrids**

**Rauwel, Erwan; Galeckas, Augustinas; Rosario Soares, M.; Rauwel, Protima** Journal of physical chemistry C 2017 / p. 14879-14887 : ill <https://doi.org/10.1021/acs.jpcc.7b03070> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Influence of the post-granulation treatment on the thermal behaviour of Estonian oil shale ashes**

**Kaljuvee, Tiit; Jefimova, Jekaterina; Loide, Valli; Uibu, Mai; Einard, Marve; Kuusik, Rein; keemik** JTACC+V4 : 1st Journal of Thermal Analysis and Calorimetry Conference and 6th V4 (Joint Czech-Hungarian-Polish-Slovakian) Thermoanalytical Conference: Budapest Hungary, June 6-9, 2017 : Book of Abstracts 2017 / p. 105 <https://static.akcongress.com/downloads/jtacc/jtacc2017-book-of-abstracts.pdf>

**Influence of time constants on low energy buildings' heating control**

**Kull, Tuule Mall; Simson, Raimo; Thalfeldt, Martin; Kurnitski, Jarek** Energy procedia 2017 / p. 75-80 : ill <https://doi.org/10.1016/j.egypro.2017.09.640> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Influencing factors of moisture measurement when using microwave reflection method**

**Kurik, Lembit; Kalamees, Targo; Kallavus, Urve; Sinivee, Veljo** Energy procedia 2017 / p. 159-164 : ill <https://doi.org/10.1016/j.egypro.2017.09.675> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Informaatika ja tehnikateaduste osakond**

Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 27-29

**Information and interaction**

**Henno, Jaak** Information modelling and knowledge bases XXVIII 2017 / p. 426-449 <https://doi.org/10.3233/978-1-61499-720-7-426> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Information warfare - a Hobbesian concept of war in the post-truth era**

**Mölder, Holger** Baltic rim economies 2017 / p. 23 [http://www.utu.fi/en/units/tse/units/PEI/BRE/Documents/BRE\\_1\\_2017.pdf](http://www.utu.fi/en/units/tse/units/PEI/BRE/Documents/BRE_1_2017.pdf)

**Infotehnoloogia Kolledž lõimub Tehnikaülikooliga**

Postimees 2017 / lk. 3

**Inimese-masina-liidese üld- ja ohutuspõhimõtted, märgistus ja tuvastamine [Võrguteavik] : seadmeklemmide, juhtide**

**otsastuste ja juhtide tuvastamine = Basic and safety principles for man-machine interface, marking and identification : identification of equipment terminals, conductor terminations and conductors (IEC 60445:2010)**

2017 [http://www.ester.ee/record=b4759241\\*est](http://www.ester.ee/record=b4759241*est)

**Inimliku teaduskommunikatsiooni võimalikkusest**

**Soomere, Tarmo** Sirp 2017 / lk. 31 : fot <http://www.sirp.ee/s1-artiklid/c21-teadus/inimliku-teaduskommunikatsiooni-voimalikkusest/>

**Inimteguri osakaalu reguleerivate ohutusnõuete mõju laevandusettevõttele**

Toomits, Tiit Meremees. Veeteede Ameti teataja 2017 / lk. 17-19 : ill [http://www.ester.ee/record=b4646644\\*est](http://www.ester.ee/record=b4646644*est)  
[https://issuu.com/ajakirimeremees/docs/meremees\\_2017\\_3-4\\_va\\_teataja\\_2017\\_](https://issuu.com/ajakirimeremees/docs/meremees_2017_3-4_va_teataja_2017_)

**Inimõigused Eestis 2016/2017 : Eesti Inimõiguste Keskuse aastaaruanne**

2017 [http://www.ester.ee/record=b2457925\\*est](http://www.ester.ee/record=b2457925*est)

**Inkjet-printed hybrid conducting polymer-activated carbon aerogel linear actuators driven in an organic electrolyte**

Põldsalu, Inga; Harjo, Madis; Tamm, Tarmo; **Uibu, Mai**; Peikolainen, Anna-Liisa; Kiefer, Rudolf Sensors and actuators B : chemical 2017 / p. 44-51 : ill <https://doi.org/10.1016/j.snb.2017.04.138> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Innovation bureaucracy : does the organization of government matter when promoting innovation?**

**Kattel, Rainer; Drechsler, Wolfgang; Karo, Erkki** 3rd International Conference on Public Policy (ICPP3) : June 28-30, 2017 - Singapore 2017 / 34 p <https://www.ippapublicpolicy.org/file/paper/5939b4d825d37.pdf>

**Innovation in the public sector : exploring the characteristics and potential of living labs and innovation labs**

Schuurman, Dimitri; **Tõnurist, Piret** Technology innovation management review 2017 / p. 7-14 : ill <https://timreview.ca/article/1045>

**Innovation labs in the public sector : what they are and what they do?**

**Tõnurist, Piret; Kattel, Rainer; Lember, Veiko** Public management review 2017 / p. 1455-1479 : ill <https://doi.org/10.1080/14719037.2017.1287939> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Innovative management and implementation of applied research project "Green Cost-Efficient Package Selection"**

**Ševtšenko, Eduard; Karaulova, Tatjana; Pohlak, Meelis; Mahmood, Kashif; Tamm, Martin; Leht, Kaupo** Case study of innovative projects : successful real cases 2017 / p. 143-168 : ill <http://dx.doi.org/10.5772/67541>

**Innovativeness through embedded knowledge : firm connections with consultants in innovation ecosystems**

Mattila, J. I.; **Nuut, Anu**; Tukiainen, S.; Ormala, E. Knowledge Management in the 21st Century : Resilience, Creativity and Co-creation : IFKAD 2017 : 12th International Forum on Knowledge Asset Dynamics : 7-9 June 2017, St. Petersburg - Russia : proceedings 2017 / p. 1099-1106

**Innovatsioon kui teaduslik mõttesport**

**Parve, Omar** Sirp 2017 / lk. 22-23 : ill <http://www.sirp.ee/s1-artiklid/c21-teadus/innovatsioon-kui-teaduslik-mottesport/>

**Input-output decoupling of discrete-time nonlinear systems by dynamic measurement feedback**

**Kaldmäe, Arvo; Kotta, Ülle** European journal of control 2017 / p. 31-38 : ill <https://doi.org/10.1016/j.ejcon.2016.12.004> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Insener kui loovisik**

**Kübarsepp, Jakob; Hamburg, Arvi**; Peipman, Tõnu Sirp 2017 / lk. 17-19 <http://www.sirp.ee/s1-artiklid/c21-teadus/insener-kui-loovisik/>

**Insenerid ees, investeeringud järel**

Kello, Karl; **Kübarsepp, Jakob** Õpetajate Leht 2017 / lk. 7 <https://opleht.ee/2017/05/insenerid-ees-investeeringud-jarel/>

**Insenerid panid EIL-i üldkogul paika 2017. aasta eesmärgid : [ka Arvi Hamburgi kommentaarid]**

Kamps, Mari Inseneeria 2017 / lk. 66-68 : fot [http://www.ester.ee/record=b2336521\\*est](http://www.ester.ee/record=b2336521*est) [https://artiklid.elnet.ee/record=b2818087\\*est](https://artiklid.elnet.ee/record=b2818087*est)

**Inseneride Meeskoor 30**

Alev, Ants; Paap, Jüri; Vilgo, Enn 2017 [http://www.ester.ee/record=b4749806\\*est](http://www.ester.ee/record=b4749806*est)

**Inseneriharidus ja -teadused kõrgharidus- ja teadusmaastikul**

**Kübarsepp, Jakob** Jakob Kübarsepp : bibliograafia 2017 / lk. 28-34 [http://www.ester.ee/record=b4664665\\*est](http://www.ester.ee/record=b4664665*est)

**Inseneriharidus ja -teadused kõrgharidus- ja teadusmaastikul**

**Kübarsepp, Jakob** Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 84-89 [http://www.ester.ee/record=b1218094\\*est](http://www.ester.ee/record=b1218094*est)



## **Insenerivõistlus viib TTÜ tudengid maailma erinurkadesse**

Kuusemets, Kristiina Studioosus 2017 / lk. 14-15 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

## **Insights into the functionality of endophytic actinobacteria with a focus on their biosynthetic potential and secondary metabolites production**

Passari, Ajit Kumar; Mishra, Vineet Kumar; Singh, Garima; Singh, Pratibha; Kumar, Brijesh; **Gupta, Vijai Kumar**; Sharma, Rupak Kumar; Saikia, Ratul; Donovan, Anthonia O'; Singh, Bhim Pratap Scientific reports 2017 / art. 11809, 17 p.

<https://doi.org/10.1038/s41598-017-12235-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Instagram ülikooliraamatukogu turunduskanalina Tallinna Tehnikaülikooli Raamatukogu näitel [Võrguteavik]**

Nool, Maris 2017 <https://digi.lib.ttu.ee/i/?9475>

## **Instead of introduction**

**Berezovski, Arkadi**; Ván, Peter Internal variables in thermoelasticity 2017 / p. 1-18 [https://doi.org/10.1007/978-3-319-56934-5\\_1](https://doi.org/10.1007/978-3-319-56934-5_1) [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Integrated conodont biostratigraphy and carbon isotope chemostratigraphy in the Lower-Middle Ordovician of southern Sweden reveals a complete record of the MDICE**

Wu, Rong-Chang; Calner, Mikael; **Lehnert, Oliver** Geological magazine 2017 / p. 334-353 : ill

<https://doi.org/10.1017/S0016756816000017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Integrated self-regulating resistive heating for isothermal nucleic acid amplification tests (NAAT) in Lab-on-a-Chip (LoC) devices**

**Pardy, Tamas**; Tulp, Indrek; Kremer, Clemens; **Rang, Toomas**; Stewart, Ray PLoS ONE 2017 / p. 1-11 : ill

<https://doi.org/10.1371/journal.pone.0189968> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Integrated use of subsurface and CO2 for enhanced recovery of resources - way to sustainable development and synergy with renewable energy**

**Šogenova, Alla**; **Šogenov, Kazbulat** 79th EAGE Conference and Exhibition 2017 : Paris, France, June 12-15, 2017 2017 / p. 1-5

<http://dx.doi.org/10.3997/2214-4609.201701375>

## **The intellectual disability and schizophrenia associated transcription factor TCF4 is regulated by neuronal activity and protein kinase A**

**Sepp, Mari**; **Vihma, Hanna**; **Nurm, Kaja**; **Urb, Mari**; Page, Stephanie Cerceo; **Roots, Kaisa**; **Hark, Anu**; Maher, Brady J.;

**Pruunsild, Priit**; **Timmusk, Tõnis** Journal of neuroscience 2017 / p. 10516-10527 : ill <https://doi.org/10.1523/JNEUROSCI.1151-17.2017>

[Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Interaction of CuCl2 with poly(ethylene glycol) under microwave radiation**

Tverjanovich, Andrey; Grevtsev, A. S.; **Bereznev, Sergei** Materials research express 2017 / art. 015006, p. 1-6 : ill

<https://doi.org/10.1088/2053-1591/aa52d0> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

## **Interaction of deformation waves with internal structures in solids**

**Engelbrecht, Jüri**; **Berezovski, Arkadi**; **Peets, Tanel**; **Tamm, Kert** Contributions to the Foundations of Multidisciplinary Research in Mechanics : papers presented during the 24th International Congress of Theoretical and Applied Mechanics ICTAM 2016, Montreal, August 22-26, 2016. Vol. 3 2017 / p. 2236-2237 : ill

[http://utam.org/wp-content/uploads/2017/02/ICTAM\\_Proceedings\\_Vol\\_3.pdf](http://utam.org/wp-content/uploads/2017/02/ICTAM_Proceedings_Vol_3.pdf)

## **Interleaved single-phase quasi-Z-source inverter with special modulation technique**

Roncero-Clemente, Carlos; **Husev, Oleksandr**; Stepenko, Serhii; Romero-Cadaval, Enrique; **Vinnikov, Dmitri** 2017 IEEE First Ukraine Conference on Electrical and Computer Engineering (UKRCON) : May 29 - June 2, 2017, Kyiv, Ukraine : conference

proceedings 2017 / p. 593-598 : ill <https://doi.org/10.1109/UKRCON.2017.8100310>

## **Internal variables and microinertia**

**Berezovski, Arkadi**; Ván, Peter Internal variables in thermoelasticity 2017 / p. 75-84 [https://doi.org/10.1007/978-3-319-56934-5\\_5](https://doi.org/10.1007/978-3-319-56934-5_5)

[Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

## **Internal variables in thermoelasticity**

**Berezovski, Arkadi**; Van, Peter 2017 <https://doi.org/10.1007/978-3-319-56934-5>

## **International MANUFUTURE Conference : 24-25 October [2017], Tallinn**

Life in Estonia 2017 / p. 10-11 : phot

## **International spillovers from Euro area and US credit and demand shocks : a focus on emerging Europe**

Fadejeva, Ludmila Journal of International Money and Finance 2017 / p. 1-25 : ill <https://doi.org/10.1016/j.jimonfin.2016.08.001>

## **Internet voting : elections in the (European) cloud**

**Krimmer, Robert Johannes** CeDEM Asia 2016 : proceedings of the International Conference for E-Democracy and Open

Government : Asia 2016, 7-9 December 2016, Deagu [i.e. Daegu], Republic of Korea 2017 / p. 123-125 : ill [http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem\\_asia/proceedings\\_cedem\\_asia\\_2016.pdf](http://www.donau-uni.ac.at/imperia/md/content/departement/gpa/zeg/bilder/cedem_asia/proceedings_cedem_asia_2016.pdf)

**Intrastrially infused exogenous CDNF is endocytosed and retrogradely transported to substantia nigra**

Mätlik, Kert; Vihinen, Helena; Bienemann, Ali; **Palgi, Jaan; Arumäe, Urmas** eNeuro 2017 / art. e0128-16.2017, p. 1-15 : ill <https://doi.org/10.1523/ENEURO.0128-16.2017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Introduction**

**Berezovski, Arkadi;** Ván, Peter Internal variables in thermoelasticity 2017 / p. 21-33 [https://doi.org/10.1007/978-3-319-56934-5\\_2](https://doi.org/10.1007/978-3-319-56934-5_2) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**Introduction : informal economies as varieties of governance**

**Polese, Abel;** Williams, Colin; Horodnic, Ioana; Bejakovic, Predrag The informal economy in global perspective : varieties of governance 2017 / p. 1-14 [https://doi.org/10.1007/978-3-319-40931-3\\_1](https://doi.org/10.1007/978-3-319-40931-3_1)

**Introduction : informality and power in the South Caucasus**

**Polese, Abel;** Rekhviashvili, Lela Caucasus survey 2017 / p. 1-10 <https://doi.org/10.1080/23761199.2017.1295671> [Journal metrics at Scopus](#) [Article at Scopus](#)

**Introduction : the Baltic Sea region - scars, seams and stitches**

**Makarychev, Andrey;** Segbers, Klaus Borders in the Baltic Sea Region : suturing the ruptures 2017 / p. 1-17 [http://dx.doi.org/10.1057/978-1-352-00014-6\\_1](http://dx.doi.org/10.1057/978-1-352-00014-6_1) [http://www.ester.ee/record=b4639668\\*est](http://www.ester.ee/record=b4639668*est)

**Introduction to building automation, controls and technical building management**

Brook, Bonnie; Corgnati, Stefano Paolo; D'Oca, Simona; **Kurnitski, Jarek** 2017

**Introduction to e-Government : e-Government to Support Sustainable Development Goals**

Astok, Hannes; Ott, Arvo; Vallner, Uuno; **Nyman-Metcalf, Katrin Merike** 2017 [https://www.ester.ee/record=b4694376\\*est](https://www.ester.ee/record=b4694376*est)

**Introduction to the first Workshop on Resource Management in Business Processes (REMA 2016)**

Cabanillas, Christina; Resinas, Manuel; **Norta, Alexander;** Narendra, Nanjangud C. Business Process Management Workshops : BPM 2016 International Workshops, Rio de Janeiro, Brazil, September 19, 2016 : revised papers 2017 / p. 356-358 <http://dx.doi.org/10.1007/978-3-319-58457-7>

**Inverse methods for computational simulations and optimization of erosion models in power plants : a numerical-sufactal nonlinear optimization of modelling**

**Casesnoves, Francisco; Surženkov, Andrei** 2017 IEEE 58th International Scientific Conference on Power and Electrical Engineering of Riga Technical University (RTUCON) : proceedings : Latvia, Riga, 12-13 October, 2017 2017 / [8] p. : ill <http://dx.doi.org/10.1109/RTUCON.2017.8125630>

**Investigating the duration and termination of the Early Paleozoic Moyero Reversed Polarity Superchron: Middle Ordovician paleomagnetism from Estonia**

Grappone, J. Michael; Chaffee, Thom; Isozaki, Yukio; **Bauert, Heikki;** Kirschvink, Joseph L. Palaeogeography, palaeoclimatology, palaeoecology 2017 / p. 673-686 : ill <https://doi.org/10.1016/j.palaeo.2017.07.024> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigating the pyrolysis of oil shale using TGA-MS**

**Maaten, Birgit; Konist, Alar; Siirde, Andres** International IX Oil Shale Conference 2017 "Oil Shale Industry in Circular Economy" : 15th-16th November 2017, [Jõhvi], Ida-Viru County, Estonia : summary 2017 / p. 30 : ill [http://www.ester.ee/record=b4751282\\*est](http://www.ester.ee/record=b4751282*est)

**Investigating the pyrolysis of oil shale using TGA-MS [Online resource]**

**Maaten, Birgit; Konist, Alar; Siirde, Andres** Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p. : ill <http://fntdk.ut.ee/teesid/>

**Investigation of different carbon nanotube reinforcements for fabricating bulk AlMg5 matrix nanocomposites [Online resource]**

**Kallip, Kaspar;** Leparoux, Marc; AlOgab, Khaled A. Tartu Ülikooli ASTRA projekt PER ASPERA : Funktsionaalsed materjalid ja tehnoloogiad : [7-8 märts 2017, Tartu : teesid] 2017 / [1] p <http://fntdk.ut.ee/teesid/>

**Investigation of rough surfaces on Cu 2 ZnSn(S x Se 1-x ) 4 monograin layers using light beam induced current measurements**

**Neubauer, Christian; Babatas, Ertug; Meissner, Dieter** Applied surface science 2017 / p. 465-468 : ill <https://doi.org/10.1016/j.apsusc.2017.06.111> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Investigation of the evolution of sulphur during the thermal degradation of different oil shales**

**Maaten, Birgit; Loo, Lauri; Konist, Alar; Pihu, Tõnu; Siirde, Andres** Journal of analytical and applied pyrolysis 2017 / p. 405-411 :

ill <https://doi.org/10.1016/j.jaap.2017.09.007> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Investigation of the forces acting on the coils of a Modular Slotless Permanent Magnet Generator**

**Kallaste, Ants; Vaimann, Toomas; Rassõlkin, Anton; Belahcen, Anouar** 21st International Conference on the Computation of Electromagnetic Fields (Compumag 2017) : Daejeon, South Korea, 18-22 June 2017 / p. 707-708 : ill [http://www.compumag.org/CMAG2017/\[PD-M3-9\]\\_727.pdf](http://www.compumag.org/CMAG2017/[PD-M3-9]_727.pdf)

### **Investigation of the reconstruction accuracy of guided wave tomography using full waveform inversion**

Rao, Jing; **Ratassepp, Madis**; Fan, Zheng Journal of sound and vibration 2017 / p. 317-328 : ill <https://doi.org/10.1016/j.jsv.2017.04.017>

### **Investigation of timber bridges**

**Just, Alar** Forum Holz Bau Garmisch 17 : 23. Internationales Holzbau-Forum (IHF 2017) : aus der Praxis - für die Praxis : Kongresszentrum, Garmisch-Partenkirchen ; B. 2 2017 / p. 293-304 <http://www.gbv.de/dms/tib-ub-hannover/1014402786.pdf>

### **Investigations of different control strategies for heat pump systems in a residential ZEB in the nordic climate [Online resource]**

Clauss, John; Sartori, Igor; Alonso, Maria Justo; **Thalfeldt, Martin**; Georges, Laurent 12th IEA Heat Pump Conference : presentations, Wednesday, May 17 2017 / 0.1.3.3, 11 p. : ill <https://hpc2017.org/wp-content/uploads/2017/06/o133.pdf>

### **Investigations on new carbon-based nanohybrids combining carbon nanotubes, HfO<sub>2</sub> and ZnO nanoparticles**

**Rauwel, Protima**; Galeckas, Augustinas; **Salumaa, Martin**; **Aasna, Andres**; Ducroquet, Frederique; **Rauwel, Erwan** IOP conference series : materials science and engineering 2017 / art. 012064, p. 1-5 : ill <https://doi.org/10.1088/1757-899X/175/1/012064> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Irene Tiivel : 18. III 1924 - 1. X 2017**

**Engelbrecht, Jüri** Sirp 2017 / lk. 37

### **Is Homo Economicus human after all? : Karsten Staehr on this years's Nobel Prize in Economics**

**Staehr, Karsten** Focus : the Swedish Chamber of Commerce in Estonia 2017 / p. 18-19 : ill [https://www.ester.ee/record=b2586793\\*est](https://www.ester.ee/record=b2586793*est)

### **Is volunteering always voluntary? Between compulsion and coercion in co-production**

**Tõnurist, Piret; Surva, Laidi** Voluntas : international journal of voluntary and nonprofit organizations 2017 / p. 223-247 : ill <https://doi.org/10.1007/s11266-016-9734-z> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Ise vaaritatud marjamoos hellitab tervist**

Kivipõld, Karin; **Adamberg, Signe**; **Adamberg, Kaarel** Postimees 2017 / lk. 26-27

### **Isejuhtivad autod - kas kauge unistus või homme reaalsus?**

**Sell, Raivo** Digi 2017 / lk. 26-27 : portr [http://www.ester.ee/record=b2040633\\*est](http://www.ester.ee/record=b2040633*est) [https://artiklid.elnet.ee/record=b2817119\\*est](https://artiklid.elnet.ee/record=b2817119*est)

### **"Ishmael" - Daniel Quinn : [raamatust]**

Juchnewitsch, Anna-Grete Studioosus 2017 / lk. 24-25 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Isiklike kogemusi Valdek Kulbachist**

**Õiger, Karl** Mente et Manu 2017 / lk. 58-59 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_03\\_2017/mobile/index.html#p=1](https://www.ttu.ee/public/m/mente-et-manu/MM_03_2017/mobile/index.html#p=1) [https://artiklid.elnet.ee/record=b2820663\\*est](https://artiklid.elnet.ee/record=b2820663*est)

### **Isikute lühiaandmed kommunismiohvrite memoriaalile 1940-1991 = Brief personal details for the memorial to victims of communism 1940-1991**

2017 [http://www.ester.ee/record=b4661164\\*est](http://www.ester.ee/record=b4661164*est)

### **Isolated Potato Virus A coat protein possesses unusual properties and forms different short virus-like particles**

Ksenofontov, Alexander L.; Dobrov, Eugeny N.; Fedorova, Natalia V.; **Paalme, Viiv**; **Järvekülg, Lilian** Journal of biomolecular structure and dynamics 2017 / p. 1-11 : ill <https://doi.org/10.1080/07391102.2017.1333457> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **IT-hariduse skeletiks on nüüd inseneriks saamine**

**Jervan, Gert; Lorents, Peeter** Mente et Manu 2017 / lk. 39-41 : fot [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2830876\\*est](https://artiklid.elnet.ee/record=b2830876*est)

### **Jaak Aaviksoo : meid ootab sel aastal ees palju väljakutseid**

**Aaviksoo, Jaak** Mente et Manu 2017 / lk. 4-5 : fot [http://www.ttu.ee/public/m/mente-et-manu/MM\\_01\\_2017/index.html](http://www.ttu.ee/public/m/mente-et-manu/MM_01_2017/index.html) [https://artiklid.elnet.ee/record=b2811446\\*est](https://artiklid.elnet.ee/record=b2811446*est)

### **Jaan Järviku pere lugu : sõja-aastatel läbielatud saaks kokku põnevusromani**

Unt, Kätlin; **Järvik, Jaan** Eesti Päevaleht, LP 2017 / lk. 16-17 <https://www.delfi.ee/artikkel/79216016/jaan-jarviku-pere-lugu-soja-aastatel->

[labielatu-on-justkui-romaan](#)

**Jaauar-veebuar kosmoses**

**Ivask, Jüri** Horisont 2017 / lk. 12-13 : fot [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

**Jaheda suve nukker lõpp on käes**

**Kallis, Ain** Maaleht 2017 / lk. 60 <https://maaleht.delfi.ee/artikkel/79421740/jaheda-suve-nukker-lopp-on-kaes>

**Jakob Kübarsepp : bibliograafia**

2017 [http://www.ester.ee/record=b4664665\\*est](http://www.ester.ee/record=b4664665*est)

**Jakob Kübarsepp : väljakutseid ei tohi karta, need tuleb vastu võtta**

**Kübarsepp, Jakob** Mente et Manu 2017 / lk. 12-17 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_02\\_2017/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_02_2017/index.html)  
[https://artiklid.elnet.ee/record=b2816023\\*est](https://artiklid.elnet.ee/record=b2816023*est)

**Jean Monnet before the first European community : a historical perspective and critic**

**Ramiro Troitino, David** Trames 2017 / p. 193-213 [http://www.ester.ee/record=b1073095\\*est](http://www.ester.ee/record=b1073095*est) <https://doi.org/10.3176/tr.2017.3.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Jelena Gorbatsšova : Prototron viis toidu uurimisest kosmosesse**

Eding, Gaili Mente et Manu 2017 / lk. 34-35 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html)  
[https://artiklid.elnet.ee/record=b2827010\\*est](https://artiklid.elnet.ee/record=b2827010*est)

**Joomarlusevastane võitlus on vajalik ja kõigile kasulik**

**Raukas, Anto** Õhtuleht 2017 / lk. 8

**Joonase lähetamine ehk kuidas Tuulelind ja tudengid avamereregatil käisid**

**Metsaveer, Gelly; Aedla, Krislin** Mente et Manu 2017 / lk. 46-47 : fot [https://www.ttu.ee/public/m/mente-et-manu/MM\\_05\\_2017/mobile/index.html](https://www.ttu.ee/public/m/mente-et-manu/MM_05_2017/mobile/index.html) [https://artiklid.elnet.ee/record=b2827023\\*est](https://artiklid.elnet.ee/record=b2827023*est)

**Journal of signal processing systems for signal, image, and video technology. Implementation issues in system-on-chip**

2017 <https://link.springer.com/journal/11265/87/3/page/1>

**JRC review - evidence based recommendations for IEQ inclusion in EPBD**

**Kurnitski, Jarek** The REHVA European HVAC journal 2017 / p. 51  
[http://www.rehva.eu/fileadmin/REHVA\\_Journal/REHVA\\_Journal\\_2017/RJ2/RJ1702\\_WEB.pdf](http://www.rehva.eu/fileadmin/REHVA_Journal/REHVA_Journal_2017/RJ2/RJ1702_WEB.pdf)

**Juba järgmisel aastal : TTÜ sinu taskus**

**Lepik, Thomas** Mente et Manu 2017 / lk. 24-25 [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2830870\\*est](https://artiklid.elnet.ee/record=b2830870*est)

**Juhised radoonikaitse meetmete kasutamiseks uutes ja olemasolevates hoonetes = Guidance for radon-protective measures for new and existing buildings [Võrguteavik]**

2017 [http://www.ester.ee/record=b4671261\\*est](http://www.ester.ee/record=b4671261*est)

**Juhtimisteadus : lühiülevaade teooriatest**

2017 [http://www.ester.ee/record=b4692586\\*est](http://www.ester.ee/record=b4692586*est) [http://www.ester.ee/record=b4692587\\*est](http://www.ester.ee/record=b4692587*est) <https://digikogu.taltech.ee/et/Item/160b4ee4-83ac-4ee7-8cb0-fffa1d3fc859>

**Juri Ess. Liikluskorraldus ja liiklusõnnetuste ennetamine. Intervjuu : Juri Ess**

**Ess, Juri** Teadus kolme minutiga : 2015-2016 2017 / lk. [50]-59 : portr., ill [http://www.ester.ee/record=b4654069\\*est](http://www.ester.ee/record=b4654069*est)

**Juuli-august kosmoses : üha uusi satelliite**

**Ivask, Jüri** Horisont 2017 / lk. 52-53 : ill [http://www.ester.ee/record=b1072243\\*est](http://www.ester.ee/record=b1072243*est)

**Jõhvi kohtumaja on inimestele ohtlik : [TTÜ teadlane Urve Kallavus kohtumajas leiduvast hallitusseenest]**

Postimees 2017 / lk. 5 <https://www.postimees.ee/4204411/johvi-kohtumaja-ohk-on-inimestele-ohtlik>