

### **A quantity : a simple example of software development with domain analysis**

**Piho, Gunnar** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 73-76 : ill

### **Abstraktsioon programmeerimisel : õpik**

**Jürgenson, Rein, inform.;** Petuhhov, Inga 1997 [https://www.ester.ee/record=b1053781\\*est](https://www.ester.ee/record=b1053781*est)

### **Adjusting university education with workspace training and self-education**

**Henno, Jaak;** Jaakkola, Hannu; Mäkelä, Jukka 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2018), Opatija, Croatia, 21-25 May 2018 : proceedings 2018 / p. 701–708 : ill  
<https://doi.org/10.23919/MIPRO.2018.8400131>

### **Agent-based software design**

Oja, Margus; **Tamm, Boris, inform.;** **Taveter, Kuldar** Proceedings of the Estonian Academy of Sciences. Engineering 2001 / p. 5-21 [https://www.ester.ee/record=b1072102\\*est](https://www.ester.ee/record=b1072102*est) [https://artiklid.elnet.ee/record=b1006233\\*est](https://artiklid.elnet.ee/record=b1006233*est)

### **Agiilne projektijuhtimine**

**Leis, Paul A & A** 2005 / 1, lk. 3-4

### **Agile Club**

Studioosus 2021 / lk. 24 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Agile software development with Scrum and ISO/IEC software quality standards**

**Nael, Margus** Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DBAMPIS 2008 : Tallinn, June 2-5, 2008 2008 / p. 427-430

### **An agent-oriented method for designing large socio-technical service-ecosystems**

**Norta, Alexander; Mahunnah, Msury; Tenso, Tanel; Taveter, Kuldar;** Narendra, Nanjangud C. 2014 IEEE Tenth World Congress on Services : SERVICES 2014 : 27 June-2 July 2014, Anchorage, Alaska : proceedings 2014 / p. 242-249 : ill

### **An OLAP cube based development method of information systems**

**Lemmik, Rivo** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 584-588

### **An ontological analysis of metamodeling languages**

**Eessaar, Erki; Sgirka, Rünno** Information systems development : reflections, challenges and new directions 2013 / p. 381-392

### **An open tool integration environment for manufacturing control software development**

**Küttner, Rein; Ernits, Juhan-Peep; Vain, Jüri** Machine engineering 2003 / 1/2, Manufacturing flexibility design and development, p. 23-32 : ill

### **Analysis and 3D visualisation of microstructured materials on custom-built virtual reality environment =**

**Virtuaalkeskonnona arendamine mikrostruktuursete materjalide analüüsiks ja kolmemõõtmeliseks visualiseerimiseks**

**Pastorelli, Emiliano** 2015 <https://digi.lib.ttu.ee/i/?2533> [https://www.ester.ee/record=b4483740\\*est](https://www.ester.ee/record=b4483740*est)

### **APRICOT : a framework for teaching digital systems verification**

**Raik, Jaan; Jenihhin, Maksim; Tšepurov, Anton; Reinsalu, Uljana; Ubar, Raimund-Johannes** 19th EAEEIE Annual Conference : June 29-July 2, 2008, Tallinn, Estonia : formal proceedings 2008 / p. 172-177 : ill  
<http://dx.doi.org/10.1109/EAEEIE.2008.4610181>

### **Archetype patterns based method of prescribing enterprise software requirements**

**Piho, Gunnar** MIPRO 2007 : Opatia (Croatia), May 21-25, 2007 : proceedings 2007 / p. 236-241

### **Archetypes based techniques for development of domains, requirements and software : towards LIMS software factory =** **Arhetüüpidel tuginevad tehnikad valdkondade, nõuete ja tarkvara arendamiseks : LIMS-i tarkvaravabriku näitel**

**Piho, Gunnar** 2011 <https://digi.lib.ttu.ee/i/?636>

### **Archetypes based techniques for modelling of business domains, requirements and software**

**Piho, Gunnar; Tepandi, Jaak; Roost, Mart** Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2 2011 / p. 20-39 : ill <https://dblp.uni-trier.de/rec/conf/ejc/PihoTR11.html>

### **Archetypes based techniques for modelling of business domains, requirements and software**

**Piho, Gunnar; Tepandi, Jaak; Roost, Mart** Information modelling and knowledge bases XXIII 2012 / p. 219-238 : ill  
[https://www.researchgate.net/publication/289665301\\_Archetypes\\_based\\_techniques\\_for\\_modelling\\_of\\_business\\_domains\\_requirements\\_and\\_software](https://www.researchgate.net/publication/289665301_Archetypes_based_techniques_for_modelling_of_business_domains_requirements_and_software)

### **Aspekt-orienteeritud nõuete projekteerimine aspekt-orienteeritud tarkvaraarenduse elutsükli**

**Sarna, Külli A & A** 2011 / 2, lk. 47-58 : ill

### **Assessment of value analysis on an example of core banking system replacement projects**

**Polis, Einar** Databases and Information Systems : proceedings of the Ninth International Baltic Conference, Baltic DB&IS 2010 : Riga, Latvia, July 5-7, 2010 2010 / p. 425-440 : ill

### **Balancing supporting software development by dedicated infrastructure elements**

**Kumlander, Deniss** Proceedings of the IASTED Conference on Software Engineering as part of the 26th IASTED International Multi-Conference on Applied Informatics : Innsbruck, Austria, February 12-14, 2008 2008 / p. 243-248

### **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](#)

### **Blockchain, smart contracts und recht - smart contracts als risiko für informatiker**

**Hoffmann, Thomas**; Skwarek, Volker Informatik Spektrum 2019 / p. 197-204 <https://doi.org/10.1007/s00287-019-01180-3> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **Body Area Networks. Smart IoT and Big Data for Intelligent Health : 15th EAI International Conference, BODYNETS 2020, Tallinn, Estonia, October 21, 2020 : proceedings**

2020 <https://doi.org/10.1007/978-3-030-64991-3>

### **Bridging uncertainties gaps in software development projects**

**Kumlander, Deniss** ICEIS 2008 : Proceedings of the Tenth International Conference on Enterprise Information Systems. Vol ISAS-2, Information systems analysis and specification. Vol. 2 2008 / p. 240-245

### **Brier, Éric; Ferradi, Houda; Joye, Marc; Naccache, David. New number-theoretic cryptographic primitives : [review]**

**Henno, Jaak** Zentralblatt MATH 2020 / 1 p <https://www.zbmath.org/?q=an:07342049>

### **Business archetypes and archetype patterns from the HL7 RIM and openEHR RM perspectives : towards interoperability and evolution of healthcare models and software systems**

**Piho, Gunnar; Tepandi, Jaak**; Thompson, Douglas; Woerner, Andreas; Parman, Marko Procedia computer science 2015 / p. 553-560 : ill <https://doi.org/10.1016/j.procs.2015.08.384> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **CASE'i vahenditest**

**Rohtla, Hanno** Arvutustehnika ja Andmetöötlus 1990 / 10, lk. 23-29

### **CGI Eesti kosmosevaldkonna juht Martin Jüssi: alati on võimalik veel kaugemale ja kõrgemale jõuda**

Saluveer, Helen forte.delfi.ee 2023 [CGI Eesti kosmosevaldkonna juht Martin Jüssi: alati on võimalik veel kaugemale ja kõrgemale jõuda](#)

### **CMM on suremas, elagu CMM!**

**Leis, Paul A & A** 2003 / 2, lk. 15-22 [https://artiklid.elnet.ee/record=b1012428\\*est](https://artiklid.elnet.ee/record=b1012428*est)

### **Collaborative software engineering of the life-critical systems**

**Kumlander, Deniss** Proceedings of the WSEAS conference : 6th WSEAS International Conference on Software Engineering, Parallel and Distributed Systems (SEPADS'07) : Corfu Island, Greece, February 16-19, 2007 2007 / p. 35-38 <http://www.wseas.us/e-library/conferences/2007corfu/papers/540-196.pdf>

### **Combining aspect-orientation and UPPAAL timed automata**

Truscan, Dragos; **Vain, Jüri**; Koskinen, Martin ICSoft-PT 2014 : proceedings of the 9th International Conference on Software Paradigm Trends, Vienna, Austria, 29-31 August, 2014 2014 / p. 159-164 : ill

### **A comparative study of approaches of ontology driven software development**

**Haav, Hele-Mai** Informatica 2018 / p. 439-466 : ill <https://doi.org/10.15388/Informatica.2018.175> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Comparing software process improvement in Estonia and Finland**

Jaakkola, Hannu; **Kalja, Ahto**; Lepasaar, Marion; Varkoi, Timo Baltic ITAMPT review 2001 / 3, p. 69-74

### **CONRAD - a system for evaluating behavioural properties of embedded software**

**Mõtus, Leo; Vain, Jüri** Preprints 10th IFAC Workshop on Distributed Computer Control Systems, Semmering, Austria, Sept. 9-11, 1991 1991

### **Constraint-based test scenario description language**

**Vain, Jüri; Halling, Evelin** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 89-92 : ill

### **Correction to: Implementation and evaluation of the DAOM framework and support tool for designing blockchain decentralized applications (International Journal of Information Technology, (2021), 13, 6, (2245-2263), 10.1007/s41870-021-00816-6)**

**Udokwu, Chibuzor; Brandtner, Patrick; Norta, Alexander; Kormiltsõn, Aleksandr; Matulevičius, Raimundas** International Journal of Information Technology (Singapore) 2022 <https://doi.org/10.1007/s41870-022-01026-4> [Journal metrics at Scopus](#) [Article at Scopus](#)

### **DASIP 2016 : [special issue]**

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

### **Design of a transactional environmental support system**

**Kenward, R. E.; Piirimäe, Kristjan; Ivask, Mari; Aruvee, Eve** Transactional environmental support system design : global solutions 2013 / p. 209-245

### **Designing a scalable socio-technical method for evaluating large e-Governance systems**

**Saay, Mohammad Salim; Norta, Alexander** Advanced computational and communication paradigms : proceedings of International Conference on ICACCP 2017, Volume 1 2018 / p. 571-580 [https://doi.org/10.1007/978-981-10-8240-5\\_64](https://doi.org/10.1007/978-981-10-8240-5_64) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](#)

### **Developing the database for facilities management : a case for an university**

**Järvan, A.; Liias, Roode** International journal of strategic property management 2003 / 1, p. 44-52

### **Development an intelligent, integrated environment for computer-aided design of work-holders**

**Nekrassov, Grigori; Küttner, Rein** Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 124-127 : ill

### **Development and implementation of working environment for CAP/CAM systems**

**Küttner, Rein; Eljas, Olev** Software for discrete manufacturing : proceedings of the 6th International IFIP/IFAC Conference on Software for Discrete Manufacturing, PROLAMAT 85, Paris, France, 11-13 June, 1985 1986 / p. 237-245 : ill

### **Development of an intelligent integrated environment for computer-aided design of workholders**

**Nekrassov, Grigori** 2004 [https://www.ester.ee/record=b1926875\\*est](https://www.ester.ee/record=b1926875*est)

### **Development of an intelligent integrated environment for computer-aided design of work-holders**

**Küttner, Rein; Nekrassov, Grigori** Proceedings NordDesign 2002 : Visions and Values in Engineering Design : [August 14-16, 2002, NTNU, Trondheim, Norway] 2002 / p. 185-193 : ill

### **Development of network-based environment for integrated product design, process and resource planning**

**Kiolein, Indrek; Küttner, Rein; Nafthal, Meelis** CAE TECHNIQUES : 2nd International Scientific Colloquium : [proceedings of the 2nd International Scientific Colloquium, Fachhochschule Bielefeld, Germany, September 11-13, 1995] 1995 / p. 111-115 : ill

### **Development of quantum cascade laser simulation software**

**Udal, Andres; Reeder, Reeno; Ikonic, Zoran; Harrison, Paul; Velmre, Enn** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 47-48 : ill [https://www.ester.ee/record=b2150914\\*est](https://www.ester.ee/record=b2150914*est)

### **Development of software for position based control**

**Möller, Taavi** 2nd International Symposium "Topical Problems of Education in the Field of Electrical and Power Engineering" : Kuressaare, Estonia, January 17-22, 2005 2005 / p. 84-85 : ill

### **Development of the software tools for simulation of quantum well media for radiation amplification in MIR and THz regions**

**Udal, Andres; Reeder, Reeno; Valusis, G.; Kasalynas, I.; Ikonic, Zoran; Indjin, D.** 3rd Annual Conference of COST Action MP1204 & 6th International Conference on Semiconductor Mid-IR Materials and Optics SMMO2015 : book of abstracts : Institute of Photonics and Electronics, The Czech Academy of Sciences, Prague, Czech Republic, April 8-11, 2015 2015 / p. 63

### **Discussion of the development aspects of the quantum cascadelaser simulation software**

**Reeder, Reeno; Udal, Andres; Velmre, Enn** International Conference on THz and Mid Infrared Radiation and Applications to Cancer Detection Using Laser Imaging jointly with the Workgroup Meetings of Cost Actions MP1204 and BM1205 : October 10-11, 2013, Sheffield, United Kingdom 2013 / p. [36] <http://tera-mir.org/main/node/60>

### **Early activities in the field of software process improvement in Estonia**

**Kalja, Ahto**; Oruaas, Jaan Baltic IT review 1999 / 4, p. 59-62

### **Eesti iduettevõtte töötas koos TalTechiga välja rahakotisõbraliku lahenduse, mis muudab energia säästmise lihtsamaks nii elu- kui ärihoonetes**

geenius.ee 2023 [Eesti iduettevõtte töötas koos TalTechiga välja rahakotisõbraliku lahenduse, mis muudab energia säästmise lihtsamaks nii elu- kui ärihoonetes](#)

### **Eesti tarkvaraarendajad panustavad satelliitide edendamisse**

Kolk, Mariliis Postimees 2021 / Lk. 15 : fot <https://dea.digar.ee/article/postimees/2021/05/26/13.5>

### **Eesti teadlased tegid tarkvara, mis ennetab küberrünnakuid**

**Pihel, Hele-Riin** postimees.ee 2023 [Eesti teadlased tegid tarkvara, mis ennetab küberrünnakuid](#)

### **Eesti teaduse nähtamatud hiiglased**

**Raik, Jaan** Teadusmõte Eestis (X). Tehnikateadused. 3 : [artiklikogumik] 2019 / lk. 161-168 : ill., fot [https://www.ester.ee/record=b5208765\\*est](https://www.ester.ee/record=b5208765*est)

### **Electronic education system model-2**

**Güllü, Fatih; Kuusik, Rein, inform.**; Laanpere, Mart Proceedings of the International Conference e-Learning : Las Palmas de Gran Canaria, Spain, July 21-24, 2015 2015 / p. 162-166 : ill

### **Empirical evaluation of guidelines for prototyping sociotechnical systems in JADE framework**

**Mahunnah, Msury; Taveter, Kuldar**; Wai Shiang, Cheah; Yee Wai, Sim 2018 International Symposium on Agents, Multi-Agent Systems and Robotics (ISAMSR 2018) : Putrajaya, Malaysia, 27 August 2018 2018 / p. 51-56 : ill <http://doi.org/10.1109/ISAMSR.2018.8540558>

### **Energy-efficient multi-fragment Markov model guided online model-based testing for MPSoC**

**Vain, Jüri; Tsiopoulos, Leonidas**; Kharchenko, Vyacheslav; **Apneet Kaur; Jenihhin, Maksim; Raik, Jaan; Nõmm, Sven** Green IT Engineering: Social, Business and Industrial Applications 2019 / p. 273-297 [https://doi.org/10.1007/978-3-030-00253-4\\_12](https://doi.org/10.1007/978-3-030-00253-4_12) [Article collection at Scopus](#) [Article at Scopus](#)

### **Engineering of an effective automatic dynamic assertion mining platform**

**Ghasempouri, Tara**; Malburg, Jan; Danese, Alessandro; Pravadelli, Graziano; Fey, Goerschwin; **Raik, Jaan** VLSI-SoC 2019 : 27th IFIP/IEEE International Conference on Very Large Scale Integration : [proceedings] 2019 / p. 111-116 : ill <https://doi.org/10.1109/VLSI-SoC.2019.8920331>

### **Enterprise unified process**

**Leis, Paul A & A** 2005 / 3, lk. 3-4

### **Evaluation of approaches for designing and developing decentralized applications on blockchain**

**Udokwu, Chibuzor; Anyanka, Henry; Norta, Alexander** ICACS'20 : proceedings of the 4th International Conference on Algorithms, Computing and Systems. ICACS-AECCC 2020: the 2nd African Electronics Computer and Communication Conference, September 18-20, 2020, Virtual Conference 2020 / p. 55-62 <https://doi.org/10.1145/3423390.3426724> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Evaluation of basic project management activities : study in software industry**

**Lepmets, Marion** 2007 [https://www.ester.ee/record=b2302044\\*est](https://www.ester.ee/record=b2302044*est)

### **Evaluation of semantic parsing frameworks for automated knowledge base construction**

**Verrev, Martin** Intelligent systems design and applications 22nd International Conference on Intelligent Systems Design and Applications (ISDA 2022) held December 12-14, 2022 - Volume 1 2023 / p. 554-563 [https://doi.org/10.1007/978-3-031-27440-4\\_53](https://doi.org/10.1007/978-3-031-27440-4_53) <https://link.springer.com/book/10.1007/978-3-031-27440-4> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **E-Voting system evaluation based on the council of Europe Recommendations : nVotes**

Marcos del Blanco, David Yeregui; **Duenas Cid, David**; Aláiz Moretón, Hector Electronic Voting : 5th International Joint Conference, E-Vote-ID 2020, Bregenz, Austria, October 6-9, 2020 : proceedings 2020 / p. 147-166 : ill [https://doi.org/10.1007/978-3-030-60347-2\\_10](https://doi.org/10.1007/978-3-030-60347-2_10)

### **Expectations of software development practitioners for non-technical clients**

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 317-330 : ill <https://doi.org/10.3233/978-1-61499-458-9-317> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Experimental study of radiator, underfloor, ceiling and air heater systems heat emission performance in TUT nZEB test facility**

**Võsa, Karl-Villem; Ferrantelli, Andrea; Kurnitski, Jarek** E3S Web of Conferences : CLIMA 2019 Congress, Bucharest, Romania, May 26-29, 2019 / art. 04005, 7 p <https://doi.org/10.1051/e3sconf/201911104005> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Exploiting aspects in model-based testing**

**Sarna, Külli; Vain, Jüri** FOAL'12 : proceedings of the eleventh workshop on Foundations of Aspect-Oriented Languages : March 26, 2012, Potsdam, German 2012 / p. 45-47 : ill [https://www.researchgate.net/publication/254007794\\_Exploiting\\_aspects\\_in\\_model-based\\_testing](https://www.researchgate.net/publication/254007794_Exploiting_aspects_in_model-based_testing)

### **Extending UML profiles to model integrity constraints in SQL databases**

**Eessaar, Erki; Aaberg, Erko** Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 1 2011 / p. 47-65 : ill [https://www.researchgate.net/publication/260291830\\_Extending\\_UML\\_Profiles\\_to\\_Model\\_Integrity\\_Constraints\\_in\\_SQL\\_Databases](https://www.researchgate.net/publication/260291830_Extending_UML_Profiles_to_Model_Integrity_Constraints_in_SQL_Databases)

### **Fault-resilient NoC router with transparent resource allocation**

**Putkaradze, Tsofne; 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=&number=8016161>

### **Feature article: Firmware updating systems for nanosatellites**

**Sünter, Indrek; Slavinskis, Andris; Kvell, Urmas; Vahter, Andres; Kuuste, Henri; Noorma, Mart; Kutt, Johan; Vendt, Riho; Tarbe, Karl; Pajusalu, Mihkel; Veske, Mihkel; Ilves, Taavi** IEEE Aerospace and Electronic Systems Magazine 2016 / p. 36 - 44 <https://doi.org/10.1109/MAES.2016.150162> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **A five step refactoring process : improving software design properly**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 93-96 : ill

### **A five step refactoring process : improving software design properly**

**Pöld, Janari; Kalja, Ahto; Robal, Tarmo** Databases and information systems : proceedings of the Eighth International Baltic Conference, Baltic DBAMPIS 2008 : Tallinn, June 2-5, 2008 2008 / p. 37-48 : ill

### **From archetypes based domain model via requirements to software : exemplified by LIMS software factory**

**Piho, Gunnar; Tepandi, Jaak; Roost, Mart; Parman, Marko; Puusep, Viljam** MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings 2011 / p. 570-575 <https://ieeexplore.ieee.org/document/5967120>

### **Generic federated OOP architecture (1st version) : The Once-Only Principle Project [Online resource]**

**Tepandi, Jaak; Verhoosel, Jack P. C.; Zeginis, Dimitris; Täks, Ermo** 2017

### **Generic federated OOP architecture (3rd version) : The Once-Only Principle Project [Online resource]**

**Grandry, Eric; Fieten, Sander; Tepandi, Jaak; Täks, Ermo** 2018 [http://toop.eu/sites/default/files/D23\\_Generic\\_Federated\\_OOP\\_Architecture\\_3rd\\_version.pdf](http://toop.eu/sites/default/files/D23_Generic_Federated_OOP_Architecture_3rd_version.pdf)

### **GrabCAD on väärt sadu miljoneid = GrabCAD стоит сотни миллионов : [GrabCAD'i ja Stratasys'i vahel 16. sept. sõlmitud lepingust]**

Mustamäe 2014 / lk. 1 [https://www.ester.ee/record=b1072635\\*est](https://www.ester.ee/record=b1072635*est)

### **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>

### **Hardware implementation of recursive algorithms**

**Mihhailov, Dmitri; Sklyarov, Valery; Skliarova, Iouliia; Sudnitsõn, Aleksander** 53rd IEEE International Midwest Symposium on Circuits and Systems : Seattle, Washington, USA, August 1-4, 2010 : proceedings 2010 / p. 225-228 <https://ieeexplore.ieee.org/document/5548674>

### **Hardware/software co-design in extensible processing platforms for combinatorial search algorithms**

**Skliarova, Iouliia; Sklyarov, Valery; Rjabov, Artjom; Sudnitsõn, Aleksander** MELECON 2014 : 2014 17th IEEE Mediterranean Electrotechnical Conference : 13-16 April 2014, Beirut, Lebanon 2014 / p. 462-466 : ill <https://doi.org/10.1109/MELCON.2014.6820578> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **A hardware/software co-design reconfigurable network-on-chip FPGA emulation method**

**Ying, Haoyuan; Hollstein, Thomas; Hofmann, Klaus** 2014 9th International Symposium on Reconfigurable and Communication-

Centric Systems-on-Chip (ReCoSoC) : Montpellier, France, 26-28 May, 2014 / [8] p. : ill

**Hea muusikasoovitus arvestab, kellega koos inimene muusikat kuulab [Võrguväljaanne]**

Harrik, Airika novaator.err.ee 2021 "[Hea muusikasoovitus arvestab, kellega koos inimene muusikat kuulab](#) "

**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>

**Higher-order attribute semantics of flat languages**

**Grigorenko, Pavel** Info- ja kommunikatsioonitehnoloogia doktorikooli IKTDK kolmanda aastakonverentsi artiklite kogumik : 25.-26. aprill 2008, Voore külalistemaja 2008 / p. 97-100 : ill

**Higher-order attribute semantics of flat languages = Lamedate keelte kõrgemat järku atribuutsemantika**

**Grigorenko, Pavel** 2010 <https://digi.lib.ttu.ee/i/?510> [https://www.ester.ee/record=b2637394\\*est](https://www.ester.ee/record=b2637394*est)

**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>

**Hybrid protection of digital FIR filters**

**Aksoy, Levent; Nguyen, Quang-Linh; Almeida, Felipe; Raik, Jaan; Flottes, Marie-Lise; Dupuis, Sophie; Pagliarini, Samuel Nascimento** IEEE transactions on Very Large Scale Integration (VLSI) Systems 2023 / p. 812-825 : ill <https://doi.org/10.1109/TVLSI.2023.3253641> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**IaaS platforms : how secure are they?**

**Astrova, Irina; Koschel, Arne; Henke, Mats Lennart** IEEE 30th International Conference on Advanced Information Networking and Applications Workshops : WAINA 2016 : 23-25 March 2016, Crans-Montana, Switzerland : proceedings 2016 / p. 843-848 : ill <https://doi.org/10.1109/WAINA.2016.22>

**Implementing domain-specific modelling languages and generators : GPCE 2005 tutorial : Tallinn, Estonia, 28 September 2005 : tutorial notes**

Pohjonen, Risto; Tolvanen, Juha-Pekka 2005 [https://www.ester.ee/record=b2074639\\*est](https://www.ester.ee/record=b2074639*est)

**Improving statistical approach for memory leak detection using machine learning**

Šor, Vladimir; **Treier, Tarvo**; Srirama, Satish Narayana; Oü, Plumb 2013 IEEE International Conference on Software Maintenance : 22-28 September 2013, Eindhoven, The Netherlands : proceedings 2013 / p. 544-547 <https://doi.org/10.1109/ICSM.2013.92> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Improving the technical functionality of children's tracking watches**

Jennings, Luke; Singh, Inderbir; Sorell, Matthew; **Hovhannisyan, Kristine** Proceedings of the 4th Interdisciplinary Cyber Research Workshop 2018 : 9th of June 2018 2018 / p. 57-59 [https://www.ttu.ee/public/k/kyberkriminalistika\\_ja\\_kyberjulgeoleku\\_keskus/CRW\\_2018\\_lingitud.pdf](https://www.ttu.ee/public/k/kyberkriminalistika_ja_kyberjulgeoleku_keskus/CRW_2018_lingitud.pdf)

**Informaatika ühendab endas kõiki IT võlusid ja võimalusi**

delfi.ee 2024 [Informaatika ühendab endas kõiki IT võlusid ja võimalusi](#)

**Insener projekteerib usaldust : [ka TTÜ arvutitehnika instituudi töödest]**

**Ubar, Raimund-Johannes** Arvutimaailm 2011 / 7/8, lk. 8-9 : ill [https://artiklid.elnet.ee/record=b2423013\\*est](https://artiklid.elnet.ee/record=b2423013*est)

**Integrating refinement-based methods for developing timed systems**

**Vain, Jüri**; Tsiopoulos, Leonidas; Boström, Pontus From action systems to distributed systems : the refinement approach 2016 / p. 171-185 <http://dx.doi.org/10.1201/b20053-17>

**Integration of 'Central' and 'Peripheral' Nervous Systems in Scrub Nurse Robot and Comparison Between 'Voluntary' and 'Reflex' Movements**

Miyawaki, Fujio; Suzuki, Miho; Anier, Aivo; **Vain, Jüri** IFAC-PapersOnLine 2019 / p. 229-234 : ill <https://doi.org/10.1016/j.ifacol.2019.12.103> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Interactive teaching software "Introduction to digital test"**

**Ubar, Raimund-Johannes**; Wuttke, Heinz-Dietrich; **Orasson, Elmet** 45. Internationales Wissenschaftliches Kolloquium, 04.-06.10.2000 : Tagungsband 2000 / S. 949-954

**International software production through outsourcing process [Electronic resource]**

**Nahar, Nazmun**; Huda, Najmul; **Tepandi, Jaak**; Nahar, K. Proceedings of Business Information Technology Management : Constructing IS futures : 11th Annual BIT Conference : Manchester Metropolitan University Business School, October 30 & 31, 2001 2001 / [7] p. [CD-ROM]

**International Workshop on Graph and Model Transformation : GraMoT 2005 : Tallinn, Estonia, 28 September 2005 : preproceedings**

Karsai, Gabor; Taentzer, Gabriele 2005 [https://www.ester.ee/record=b2074633\\*est](https://www.ester.ee/record=b2074633*est)

**Introducing rapid web application development with Oracle APEX to students of higher education**

**Robal, Tarmo; Reinsalu, Uljana; Jürimägi, Lembit; Heinsar, Risto** New trends in computer sciences 2024 / p. 69-80  
<https://doi.org/10.3846/ntcs.2024.21227>

**Introduction to the IOT (Internet of Things) : coursebook**

**Sell, Raivo**; Puks, Rim; Kingsepp, Mallor; Nikitenko, Agris; Berkolds, Karlis; Vagale, Anete; Rumba, Rudolfs; Czekalski, Piotr; Tokarz, Krzysztof; **Läll, Karl** 2025 <https://ebooks.rtu.lv/product/introduction-to-the-iot-second-edition/?lang=en#tab-id-1>

**IOCBIO Kinetics : an open-source software solution for analysis of data traces**

**Vendelin, Marko; Laasmaa, Martin; Kalda, Mari; Branovets, Jelena; Karro, Niina; Barsunova, Karina; Birkedal Nielsen, Rikke** PLoS computational biology 2020 / art. e1008475 <https://doi.org/10.1371/journal.pcbi.1008475> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**ISO/IEC 15504 requirements for compatible software process assessment models**

**Lepasaar, Marion**; Mäkinen, T. Proceedings of EuroSPI 2002, Nürnberg, Germany 2002 / p. 189-197

**IT education in clouds and clouds in IT education**

**Henno, Jaak**; Jaakkola, Hannu; Mäkelä, Jukka 2022 45th Jubilee International Convention on Information, Communication and Electronic Technology (MIPRO), 23-27 May 2022, Opatija, Croatia : proceedings 2022 / p. 620-625  
<https://doi.org/10.23919/MIPRO55190.2022.9803757>

**Kahest tarkvarainseneeria arengusuunast**

**Leis, Paul A & A** 2009 / 5, lk. 3-4 : ill

**Kergprogrammeerimine on jõukohane kõigile**

**Robal, Tarmo** Trialoog 2024 <https://trialoog.taltech.ee/kergprogrammeerimine-on-joukohane-koigile/>

**Kes elab Akadeemia tee 5 keldris?**

Raitviir, Christopher Studioosus 2019 / lk. 14-15 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Key barriers for global software product development organizations**

**Huda, Najmul**; Nahar, Nazmun; **Tepandi, Jaak**; Deo, P. Singha Proceedings of PICMET'09 : Technology Management in the Age of Fundamental Change : Portland, Oregon, USA, August 2-6, 2009 2009 / p. 1081-1087 : ill

**Key success factors of a regional software process improvement program**

**Lepasaar, Marion; Kalja, Ahto**; Varkoi, T.; Jaakkola, Hannu Proceedings PICMET'01 : Portland, Oregon, USA, 2001 : book of summaries. Vol. 1 2001 / p. 432 <https://ieeexplore.ieee.org/document/952341>

**Kontseptuaalse programmeerimise vahenditest**

**Eomois, Peep** Arvutustehnika ja Andmetöötlus : A&A 1989 / lk. 1-8 : joon., tab [https://www.ester.ee/record=b1071940\\*est](https://www.ester.ee/record=b1071940*est)

**KRAS - suur samm kasutajate mugavuse suunas**

Pai, Kristina Raamatukogu 2018 / lk. 17-19 [http://www.ester.ee/record=b1072819\\*est](http://www.ester.ee/record=b1072819*est)

**Kristel Kruustük : raskustele mitte alla andmine on kõige suurem asi, mis ma olen teinud**

Kruustük, Kristel Mente et Manu 2017 / lk. 12-17 : fot [http://www.ester.ee/record=b1242496\\*est](http://www.ester.ee/record=b1242496*est) [https://artiklid.elnet.ee/record=b2830865\\*est](https://artiklid.elnet.ee/record=b2830865*est)

**Kuidas arendada targemat ja rohelisemat linnaruumi?**

digi.geenius.ee 2023 [Kuidas arendada targemat ja rohelisemat linnaruumi?](#)

**Kuidas mõõta väsimust? Tehnikaülikooli magister pakub selleks välja ühe täiesti uutmoodi lahenduse**

postimees.ee 2023 [Kuidas mõõta väsimust? Tehnikaülikooli magister pakub selleks välja ühe täiesti uutmoodi lahenduse](#)

**Kuldar Taveter: Eesti innovatsioonis võiks rohkem rõhku panna loomingulisusele : [intervjuu professoriga]**

Salu, Mikk; **Taveter, Kuldar** HEI = Hea Eesti Idee 2010 / jaan., lk. 18-21 : portr [https://artiklid.elnet.ee/record=b1944022\\*est](https://artiklid.elnet.ee/record=b1944022*est)  
[https://artiklid.elnet.ee/record=b1944022\\*est](https://artiklid.elnet.ee/record=b1944022*est)

**(LAP); Lapikud. TTÜ Tarkvaraarenduse klubi**

Härsing, Berta Studioosus 2014 / lk. 22 [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Lapikute ASI karikas [Võrguväljaanne]**

Saar, Taeri opleht.ee 2021 "[Lapikute ASI karikas](#)"

**A legally relevant socio-technical language development for smart contracts**

**Dwivedi, Vimal Kumar; Norta, Alexander** 2018 IEEE 3rd International Workshops on Foundations and Applications of Self\* Systems : (FAS\*W), 3–7 September, 2018 Trento, Italy : proceedings 2018 / p. 11-13 <https://doi.org/10.1109/FAS-W.2018.00016>

**Lennuvälja digitaalse jälgimise tarkvara aitab vältida õhu- ja teenindussõiduki kokkupõrget [Võrguväljaanne]**

digi.geenius.ee 2021 "[Lennuvälja digitaalse jälgimise tarkvara aitab vältida õhu- ja teenindussõiduki kokkupõrget](#)"

**Leveraging FPGA Reconfigurability as an Obfuscation Asset = FPGA ümberkonfigureeritavuse rakendamine hāgustamise vahendina**

**Abideen, Zain UI** 2024 <https://digikogu.taltech.ee/et/Item/660d923b-44d2-4993-898f-324ab2088199>

[https://www.ester.ee/record=b5649944\\*est](https://www.ester.ee/record=b5649944*est) <https://doi.org/10.23658/taltech.1/2024>

**Lisamoodulid XV, XVI, XVII, XVIII**

**Luberg, Ago; Antoi, Meelis; Kivisalu, Einar; Lorenz, Birgy** Tarkvaraarendus : informaatika valikkursus ja valikmoodulid gümnaasiumile 2023 <https://web.htk.tlu.ee/digitaru/tarkvara2/>

**Make your own visual language : "Extendable visual language and its environment", ETF research project 2003-2005**

**Tõugu, Enn** Estonian Science Foundation 2006 2007 / p. 18-19 : ill

**Managing software engineering competences with domain ontology for customer and team profiling and training**

**Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto;** Jaakkola, Hannu PICMET '15 : proceedings : Management of the Technology Age 2015 / p. 1369-1376 : ill <http://dx.doi.org/10.1109/PICMET.2015.7273171>

**Managing software engineering competences with domain ontology for customer and team profiling and training**

**Robal, Tarmo; Ojastu, Deniss; Kalja, Ahto;** Jaakkola, Hannu PICMET '15 Conference : Management of the Technology Age : August 2-6, 2015, Portland, Oregon, USA : conference bulletin 2015 / p. 62

**Mapping requirements specifications into a formalized blockchain-enabled authentication protocol for secured personal identity assurance**

Leiding, Benjamin; **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. 181-196 : ill [https://doi.org/10.1007/978-3-319-70004-5\\_13](https://doi.org/10.1007/978-3-319-70004-5_13)  
[Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Marginal PCB assembly defect detection on DDR3/4 memory bus**

**Odintsov, Sergei; Jutman, Artur; Devadze, Sergei** 2017 IEEE International Test Conference (ITC 2017) : Forth Worth, Texas, USA, 31 October - 2 November 2017 2017 / p. 238-247 : ill <https://doi.org/10.1109/TEST.2017.8242070> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Mathematics of Program Construction : 8th International Conference, MPC 2006 : Kuressaare, Estonia, July 2006 : proceedings**

**Uustalu, Tarmo** 2006 [https://www.ester.ee/record=b2160527\\*est](https://www.ester.ee/record=b2160527*est)

**MetaCASE-tehnoloogia**

**Leis, Paul A & A** 2002 / 2, lk. 3

**Miks meil on vaja TI-insenere?**

**Luberg, Ago** Mente et Manu 2025 / lk. 4-5 : fot [https://www.ester.ee/record=b1242496\\*est](https://www.ester.ee/record=b1242496*est)

**Miks on tarkvarainseneerias vaja Kanbani?**

**Leis, Paul A & A** 2010 / 1, lk. 3-5 [https://artiklid.elnet.ee/record=b1965401\\*est](https://artiklid.elnet.ee/record=b1965401*est)

**Miller, Craig. Ascending chain conditions on right ideals of semigroups : [review]**

**Henno, Jaak** Zentralblatt MATH 2023 / 1 p. <https://zbmath.org/1512.20203>

**Milline tulevik ootab arendajaid, kui tehisintellekt teeb juba täna kuu aja töö ära loetud tundidega?**

delfi.ee 2025 <https://arileht.delfi.ee/artikkel/120379022/kuula-milline-tulevik-ootab-arendajaid-kui-tehisintellekt-teeb-juba-tana-kuu-aja-too-ara-loetud-tundidega>

**Mis on tarkvaraprotsesside parandamine ehk Software Process Improvement?**

**Lepmets, Marion A & A** 2003 / 5, lk. 15-19 [https://artiklid.elnet.ee/record=b1014183\\*est](https://artiklid.elnet.ee/record=b1014183*est)

**Mis toimub tehisintellekti „kapoti all“ ja miks me seda teadma peame? [Võrguväljaanne]**

delfi.ee 2022 [Mis toimub tehisintellekti „kapoti all“ ja miks me seda teadma peame?](#)

**Model based testing of distributed time critical systems**

**Vain, Jüri; Kanter, Gert;** Srinivasan, Seshadri 2017 6th International Conference on Reliability, Infocom Technologies and Optimization (Trends and Future Directions) (ICRITO 2017) : Noida, India 20-22 September 2017 2017 / p. 99-105 : ill <https://doi.org/10.1109/ICRITO.2017.8342406>

**Model driven development of networked embedded systems**

**Karpištšenko, Andre** Eleventh Estonian Winter School in Computer Science (EWSCS'06) : Park Hotel Palmse, Lahemaa, Estonia : March 5-10, 2006 2006 / [1] p

**Model-based control design for a district heating plant**

Vansovitš, Vitali; Godoy, Boris I.; **Tepļakov, Aleksei; Vassiljeva, Kristina; Petlenkov, Eduard** 2017 IEEE 15th International Conference on Industrial Informatics (INDIN 2017) : Emden, Germany, 24-26 July 2017 2017 / p. 615-620 : ill <https://doi.org/10.1109/INDIN.2017.8104842>

**Model-based service provisioning in optical networks**

Karunakaran, Vignesh; Müller, Jasper; Slyne, Frank; **Kaeval, Kaida;** Troia, Sebastian; Autenrieth, Achim; Kilper, Daniel C.; Bauschert, Thomas; Ruffini, Marco ECOC 2023 : 49th European Conference on Optical Communications, 1-5 October 2023 2024 / p. 1039-1042 <https://doi.org/10.1049/icp.2023.2429> <https://digital-library.theiet.org/docserver/fulltext/cp839/ICP.2023.2429.pdf?expires=1727158709&id=id&accname=guest&checksum=7B52C0279E1600FDE3FC6BCEED8CE4F> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Model-based technology of software development in large**

**Penjam, Jaan; Tõugu, Enn** 14th Symposium on Programming Languages and Software Tools, SPLST 2015, Tampere, 9-10 October 2015 2015 / p. 149-163 : ill <https://ceur-ws.org/Vol-1525/paper-11.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Modeling for multi-view interference analysis of design aspects in MPSoC designs**

**Vain, Jüri; Apneet Kaur; Tsiopoulos, Leonidas; Raik, Jaan; Jenihhin, Maksim** RESCUE 2017 : Workshop on Reliability, Security and Quality : ETS17 Fringe Workshop, May 25-26, 2017, Limassol, Cyprus 2017 / p. 1-6 <http://www.ets17.org.cy/workshop/rescue-workshop.html>

**Modelling of cardiac dynamics and intracardiac bioimpedance = Südame dünaamika ja südamesisese bioimpedantsi modelleerimine**

**Gordon, Rauno** 2007 <https://digi.lib.ttu.ee/i/?147>

**Moving Hadoop to the Cloud for Big Data Analytics**

**Astrova, Irina;** Koschel, Arne; Heine, Felix; **Kalja, Ahto** Databases and information systems X : selected papers from the thirteenth International Baltic Conference, DB&IS 2018 2019 / p. 195-209 <https://doi.org/10.3233/978-1-61499-941-6-195> [https://www.ester.ee/record=b5203991\\*est](https://www.ester.ee/record=b5203991*est) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Multi-fragment Markov model guided online test generation for MPSoC**

**Vain, Jüri; Tsiopoulos, Leonidas;** Kharchenko, Vyacheslav; **Apneet Kaur;** Jenihhin, Maksim; Raik, Jaan ICTERI 2017 : ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer : proceedings of the 13th International Conference on ICT in Education, Research and Industrial Applications. Integration, Harmonization and Knowledge Transfer, Kyiv, Ukraine, May 15-18, 2017 2017 / p. 594-607 : ill <http://www.scopus.com/inward/record.uri?eid=2-s2.0-85020540459&partnerID=40&md5=af226e25c344c52689f23bf5c39cc267> <http://ceur-ws.org/Vol-1844/10000594.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

**Multi-stage programming in MeteOCaml : GPCE 2005 tutorial : Tallinn, Estonia, 27 September 2005 : tutorial notes**

Taha, Walid; Calcagno, Christiano 2005 [https://www.ester.ee/record=b2074646\\*est](https://www.ester.ee/record=b2074646*est)

**Multi-view modeling for MPSoC design aspects [Online resource]**

**Vain, Jüri; Apneet Kaur; Tsiopoulos, Leonidas; Raik, Jaan; Jenihhin, Maksim** BEC 2018 : 2018 16th Biennial Baltic Electronics Conference (BEC) : proceedings of the 16th Biennial Baltic Electronics Conference, October 8-10, 2018 2018 / 4 p.: ill <https://doi.org/10.1109/BEC.2018.8600986>

**Mustrid ja nende kasutamist abistavad tarkvarasüsteemid**

**Eessaar, Erki A & A** 2003 / 6, lk. 17-32 : ill [https://artiklid.elnet.ee/record=b1014278\\*est](https://artiklid.elnet.ee/record=b1014278*est)

**Naised teaduses: Olga Vovk uurib tervishoiuandmete anonüümistamist [Võrguväljaanne]**

Kharchenko, Vyacheslav Bioneer.ee 2022 ["Naised teaduses: Olga Vovk uurib tervishoiuandmete anonüümistamist"](#)

**Numerical aspects of the development of quantum cascade laser simulation software**

**Reeder, Reeno; Udal, Andres; Velmre, Enn**; Valavanis, Alexander BEC 2014 : 2014 14th Biennial Baltic Electronics Conference : proceedings of the 14th Biennial Baltic Electronics Conference : Tallinn University of Technology, October 6-8, 2014, Tallinn, Estonia 2014 / p. 37-40 : ill

**Nõuete haldus tarkvaraarendusprotsessis**

**Leis, Paul A & A** 2007 / 3, lk. 40-49 : ill

**Objektorienteeritud lähenemine programmeerimisele : õpik**

**Jürgenson, Rein, inform.; Vahe, Vilmar** 2001 [https://www.ester.ee/record=b1269056\\*est](https://www.ester.ee/record=b1269056*est)

**Objektorienteeritud lähenemine programmeerimisele : õpik**

**Jürgenson, Rein, inform.; Vahe, Vilmar** 1999 [https://www.ester.ee/record=b1269056\\*est](https://www.ester.ee/record=b1269056*est)

**On automatic software-based self-test program generation based on high-Level decision diagrams**

**Jasnetski, Artjom; Ubar, Raimund-Johannes; Tšertov, Anton** LATS 2016 : 17th IEEE Latin-American Test Symposium, Foz do Iguaçu, Brazil, 6th-9th April 2016 2016 / p. 177 <http://dx.doi.org/10.1109/LATW.2016.7483357>

**On mutating UPPAAL timed automata to assess robustness of web services**

Siavashi, Faezeh; Truscan, Dragos; **Vain, Jüri** Proceedings of the 11th International Joint Conference on Software Technologies (ICSOT 2016). Vol. 1, ICSOT-EA 2016 / p. 15-26 : ill <http://dx.doi.org/10.5220/0005970800150026>

**On proving the concept of an ontology aided software refactoring tool**

**Pöld, Janari; Robal, Tarmo; Kalja, Ahto** Databases and information systems VII : selected papers from the tenth International Baltic Conference, DB&IS 2012 2013 / p. 84-94 <https://doi.org/10.3233/978-1-61499-161-8-84> [Article collection metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**On software design and development supporting requirements formulation**

**Kumlander, Deniss** Proceedings of the WSEAS Conference : 10th WSEAS Conference on Computers : Vouliagmeni, Athens, Greece, July 10-15, 2006 2006 / p. 818-825 <https://dl.acm.org/doi/abs/10.5555/1981848.1982001>

**On verification of the software development process**

**Kumlander, Deniss** Innovations and advances in computing, informatics, systems sciences, networking and engineering 2015 / p. 339-343 [https://doi.org/10.1007/978-3-319-06773-5\\_45](https://doi.org/10.1007/978-3-319-06773-5_45) [Article collection metrics at Scopus](#) [Article at Scopus](#)

**The once-only principle : The TOOP project**

2021 <https://doi.org/10.1007/978-3-030-79851-2>

**Ontology-based customization of a scheduling system for discrete manufacturing**

**Sanko, Jelena; Haav, Hele-Mai; Kotkas, Vahur** Databases and information systems IX : selected papers from the twelfth International Baltic Conference, DB&IS 2016 2016 / p. 57-70 : ill <https://doi.org/10.3233/978-1-61499-714-6-57> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Ontology-based integration of software artefacts for DSL development**

**Haav, Hele-Mai; Ojamaa, Andres; Grigorenko, Pavel; Kotkas, Vahur** On the Move to Meaningful Internet Systems: OTM 2015 Workshops Confederated International Workshops: OTM Academy, OTM Industry Case Studies Program, EI2N, FBM, INBAST, ISDE, META4eS, and MSC 2015, Rhodes, Greece, October 26-30, 2015. Proceedings 2015 / p. 309 - 318 [https://doi.org/10.1007/978-3-319-26138-6\\_34](https://doi.org/10.1007/978-3-319-26138-6_34) [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Conference Proceedings at WOS](#) [Article at WOS](#)

**Preface**

**Penjam, Jaan** Proceedings of the Estonian Academy of Sciences 2013 / p. 1-2

**Principles for software development**

**Õunapuu, Enn** Data processing, compiler writing, problems of programming 1989 / p. 44-46

**Profiling in deeply embedded systems**

**Moorits, Erkki; Jervan, Gert** BEC 2012 : 2012 13th Biennial Baltic Electronics Conference : proceedings of the 13th Biennial Baltic Electronics Conference : October 3-5, 2012, Tallinn, Estonia 2012 / p. 127-230

**Provably correct test development for timed systems**

**Vain, Jüri; Anier, Aivo; Halling, Evelin** Databases and information systems VIII : selected papers from the Eleventh International Baltic Conference, DB&IS 2014 2014 / p. 289-302 : ill <https://doi.org/10.3233/978-1-61499-458-9-289> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A public, blockchain-based distributed smart-contract platform enabling mobile lite wallets using a proof-of-stake consensus algorithm**

**Norta, Alexander;** Dai, Patrick; Mahi, Neil; Earls, Jordan Business Information Systems Workshops : BIS 2018 : International Workshops, Berlin, Germany, July 18–20, 2018 : Revised Papers 2019 / p. 368-380 [https://doi.org/10.1007/978-3-030-04849-5\\_33](https://doi.org/10.1007/978-3-030-04849-5_33)  
[Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Rakenduste loomise ja programmeerimise alused : valikkursus gümnaasiumitele : õpik [E-raamat]**  
**Vilipõld, Jüri; Antoi, Kersti; Amitan, Irina** 2013 [http://rlpa.ttu.ee/RLPA\\_opik.pdf](http://rlpa.ttu.ee/RLPA_opik.pdf)

**RAM-based mergers for data sort and frequent item computation [Electronic resource]**

**Rjabov, Artjom;** Sklyarov, Valery; Skliarova, Ioulia; **Sudnitsõn, Aleksander** 2017 40th International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO), May 22 - 26, 2017, Opatija, Croatia : proceedings 2017 / p. 176-181 : ill. [CD-ROM] <http://dx.doi.org/10.23919/MIPRO.2017.7973413>

**Reconstructing timed symbolic traces from rtico-based timed test sequences using backward induction**

Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri;** Porres, Ivan Proceedings of the Fifth European Conference on the Engineering of Computer-Based Systems 2017 / 10 pages : ill <https://doi.org/10.1145/3123779.3123813> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Refactoring - key to success for constantly developed projects**

**Põld, Janari; Kalja, Ahto; Robal, Tarmo** Information modelling and knowledge bases XXVIII 2017 / p. 13-22  
<https://doi.org/10.3233/978-1-61499-720-7-13> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Refactoring - key to success for constantly developed projects [Electronic resource]**

**Põld, Janari; Kalja, Ahto; Robal, Tarmo** Proceedings of the 26th International Conference on Information Modelling and Knowledge Bases - EJC 2016 : June 6-10, 2016, Tampere, Finland 2016 / p. 15-24. [USB]

**A reference architecture for a national e-learning infrastructure**

Saay, Mohammad Salim; **Norta, Alexander** 9th IEEE/ACM International Conference on Utility and Cloud Computing : UCC 2016 : 6-9 December 2016, Tongji University, Shanghai, China : proceedings 2016 / p. 404-409 : ill <https://doi.org/10.1145/2996890.3007894>

**A reference architecture for managing dynamic inter-organizational business processes**

**Norta, Alexander;** Grefen, Paul; Narendra, Nanjangud C. Data & knowledge engineering 2014 / p. 52-89 : ill  
<https://doi.org/10.1016/j.datak.2014.04.001> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Relational and object-relational database management systems as platforms for managing software engineering artifacts**

**Eessaar, Erki** 2006 <https://digi.lib.ttu.ee/i/?85> [https://www.ester.ee/record=b2209676\\*est](https://www.ester.ee/record=b2209676*est)

**RESAA: A Removal and Structural Analysis Attack Against Compound Logic Locking**

**Almeida, Felipe; Aksoy, Levent; Pagliarini, Samuel Nascimento** IEEE Transactions on Very Large Scale Integration (VLSI) Systems 2025 / p. 1348-1360 <https://doi.org/10.1109/TVLSI.2025.3534658>

**RESAA: A Removal and Structural Analysis Attack Against Compound Logic Locking : [preprint]**

**Almeida, Felipe; Aksoy, Levent; Pagliarini, Samuel Nascimento** arXiv.org 2025 / 12 p. : ill <https://doi.org/10.48550/arXiv.2409.16959>

**Role of the user in information systems development**

Jaakkola, Hannu; Thalheim, Bernhard; **Henno, Jaak;** Mäkelä, Jukka; Keto, Harri 2018 41st International Convention on Information and Communication Technology, Electronics and Microelectronics (MIPRO 2018), Opatija, Croatia, 21-25 May 2018 : proceedings 2018 / p. 625–632 : ill <http://doi.org/10.23919/MIPRO.2018.8400118>

**RTL assertion mining with automated RTL-to-TLM abstraction**

**Ghasempouri, Tara;** Danese, Alessandro; Pravadelli, Graziano; Bombieri, Nicola; **Raik, Jaan** Proceedings of the 2019 Forum on specification & Design Languages (FDL) 2019 / 8 p. : ill <https://doi.org/10.1109/FDL.2019.8876941>

**Safeguarding a formalized blockchain-enabled identity-authentication protocol by applying security risk-oriented patterns**

**Norta, Alexander;** Matulevičius, Raimundas; Leiding, Benjamin Computers & Security 2019 / p. 253–269  
<https://doi.org/10.1016/j.cose.2019.05.017> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

**Security requirements elicitation from airline turnaround processes**

Matulevičius, Raimundas; **Norta, Alexander;** Samarutël, Silver Business & information systems engineering : BISE ; the international journal of wirtschaftsinformatik 2018 / p. 3-20 : ill <https://doi.org/10.1007/s12599-018-0518-4> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**A self-aware contract for decentralized peer-to-peer (P2P) commerce**

**Dixit, Abhishek; Norta, Alexander** 2018 IEEE 3rd International Workshops on Foundations and Applications of Self\* Systems : (FAS\*W), 3–7 September, 2018 Trento, Italy : proceedings 2018 / p. 17-19 <http://doi.org/10.1109/FAS-W.2018.00018>

### **Self-aware smart contracts with legal relevance**

**Norta, Alexander** 2018 International Joint Conference on Neural Networks (IJCNN) : 2018 proceedings 2018 / p. 4113-4120 : ill  
<https://doi.org/10.1109/IJCNN.2018.8489235> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Self-organized teams : a contradictory technique to motivate personnel**

**Kumlander, Deniss** Innovations and advances in computing, informatics, systems sciences, networking and engineering 2015 / p. 379-383 [https://doi.org/10.1007/978-3-319-06773-5\\_51](https://doi.org/10.1007/978-3-319-06773-5_51) [Article collection metrics at Scopus](#) [Article at Scopus](#)

### **Semi-agile Approach to Software Development Process [Electronic resource]**

**Kumlander, Deniss** CISSE 2011 International joint conferences 2011 / [5 p.] [CD-ROM]

### **Service-Oriented Computing - ICSOC 2015 Workshops : WESOA, RMSOC, ISC, DISCO, WESE, BSCI, FOR-MOVES, Goa, India, November 16-19, 2015 : revised selected papers**

2016 <https://doi.org/10.1007/978-3-662-50539-7> [Conference Proceedings at Scopus](#) [Article at Scopus](#)

### **7th GPCE Young Researchers Workshop : GPCE YRW 2005 : Tallinn, Estonia, 27 September 2005 : proceedings**

Rutherford, Matthew J. 2005 [https://www.ester.ee/record=b2074651\\*est](https://www.ester.ee/record=b2074651*est)

### **SIGCOMM '15 : proceedings of the 2015 ACM Conference on Special Interest Group on Data Communication : August 17-21, 2015, London, United Kingdom**

2015 <http://dl.acm.org/citation.cfm?id=2785956>

### **Simple event correlator - best practices for creating scalable configurations**

**Vaarandi, Risto; Blumbergs, Bernhards**; Caliskan, Emin 2015 IEEE International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision (CogSiMA 2015) : 9-12 March 2015, Orlando, Florida, USA 2015 / p. 96-100  
<http://dx.doi.org/10.1109/COGSIMA.2015.7108181>

### **Sissejuhatus komponenttehnoloogiasse**

**Leis, Paul A & A** 1998 / 1, lk. 11-22: ill

### **Smart contracts and void declarations of intent**

**Hoffmann, Thomas** Advanced Information Systems Engineering Workshops : CAiSE 2019 International Workshops, Rome, Italy, June 3-7, 2019 : proceedings 2019 / p. 168-175 [https://doi.org/10.1007/978-3-030-20948-3\\_15](https://doi.org/10.1007/978-3-030-20948-3_15) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Software development in a multicultural context : adaptive and learning organizations**

Jaakkola, Hannu; **Henno, Jaak**; Linna, Petri MIPRO 2010 : 33rd International Convention on Information and Communication Technology, Electronics and Microelectronics : May 24-28, 2010 Opatija, Croatia : proceedings 2010 / p. 789-797 : ill  
<https://ieeexplore.ieee.org/document/5533524>

### **Software development platform for integrated manufacturing engineering system**

**Riives, Jüri; Karjust, Kristo; Küttner, Rein; Lemmik, Rivo; Koov, Kaspar; Lavin, Jaak** Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 555-560 : ill

### **Software engineering environment for business information systems**

**Raabe, Alar** Proceedings of Fifth International Conference on Enterprise Information Systems : ICEIS 2003 : Angers, France, April 23-26, 2003. Vol. 3 2003 / p. 129-137

### **Software radar**

**Mürsepp, Ivo** Elektronika ir elektrotehnika = Electronics and electrical engineering 2008 / 4, p. 59-62 : ill

### **Software Technology : Fenno-Ugric Symposium FUSST'99 : August 19-21, 1999, Sagadi, Estonia : proceedings**

**Penjam, Jaan** 1999 [https://www.ester.ee/record=b1279018\\*est](https://www.ester.ee/record=b1279018*est)

### **Software tools for modelling and simulation of manufacturing processes**

**Karaulova, Tatjana; Papstel, Jüri** Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 245-248 : ill

### **SPADE - an object-oriented software tool for CAD**

**Kukk, Vello; Kängsep, Eiko; Vendelin, Jelena** Proc. 2nd Symposium on Programming Languages and Software Tools, Tampere (Finland), August 22-23, 1991 1991 / p. 136-147

### **Speech-based identification of children's gender and age with neural networks**

**Piel, Leo Kristopher; Alumäe, Tanel** Human Language Technologies - the Baltic Perspective : Proceedings of the Eighth International Conference, Baltic HLT 2018 2018 / p. 104-111 <https://doi.org/10.3233/978-1-61499-912-6-104> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit [Võrguväljaanne]**

Väärtmaa, Taigar arileht.delfi.ee 2022 ["Stig Rästa idufirma lubab suurt tootlust kasutades kauplemisrobotit"](#)

### **Stream clustering guided supervised learning for classifying NIDS alerts**

Vaarandi, Risto; Guerra Manzanares, Alejandro Future generation computer systems 2024 / p. 231-244 : ill

<https://doi.org/10.1016/j.future.2024.01.032> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### **Structural comparison of SPICE and continuous CMMI**

Lepasaar, Marion; Mäkinen, T.; Varkoi, T. Proceedings of SPICE 2002, Venice, Italy 2002 / p. 223-234

### **Superarvutid arvutavad meile parema tuleviku [Võrguväljaanne]**

Allas, Üllar postimees.ee 2021 ["Superarvutid arvutavad meile parema tuleviku"](#)

### **Supporting software engineering**

Kumlander, Deniss WSEAS transactions on business and economics 2006 / 4, p. 296-303

### **A symbolic approach to model-based online testing = Mudelipõhine online-testimine kasutades sümbolarvutust**

Kääramees, Marko 2012 [http://www.ester.ee/record=b2890159\\*est](http://www.ester.ee/record=b2890159*est)

### **Synergy-based approach to design of the interdisciplinary systems**

Kaljas, Frid 2005 [https://www.ester.ee/record=b2045304\\*est](https://www.ester.ee/record=b2045304*est)

### **A system for CAD/CAM software development and implementation**

Tamm, Boris, inform.; Küttner, Rein; Vilipõld, Jüri; Pruuden, Juhan Computers in industry 1984 / p. 367-376

### **The Zachman framework for enterprise architecture with archetypes and archetype patterns**

Piho, Gunnar; Tepandi, Jaak; Roost, Mart Databases and Information Systems : proceedings of the Ninth International Baltic Conference, Baltic DB&IS 2010 : Riga, Latvia, July 5-7, 2010 2010 / p. 455-470 : ill

### **Taking updates seriously**

Ahman, Danel; Uustalu, Tarmo 6th International Workshop on Bidirectional Transformations, BX 2017 : Uppsala, Sweden, 29 April 2017 2017 / p. 59-73 : ill <http://ceur-ws.org/Vol-1827/paper11.pdf> Journal metrics at Scopus Article at Scopus

### **TalTech hakkab tegema koostööd juhtiva tehnoloogiaettevõttega**

digi.geenius.ee 2024 [TalTech hakkab tegema koostööd juhtiva tehnoloogiaettevõttega](#)

### **TalTechi iseAuto v2.0 sai uue futuristlikuma ja pilkupüüdvama disaini [Võrguväljaanne]**

arvutimaailm.ee 2021 ["TalTechi iseAuto v2.0 sai uue futuristlikuma ja pilkupüüdvama disaini"](#)

### **TalTechi IT-doktorant Ian Erik Varatalu teab hästi, kuidas kiire elutempo pausile panna**

Varatalu, Ian Erik digi.geenius.ee 2024 [TalTechi IT-doktorant Ian Erik Varatalu teab hästi, kuidas kiire elutempo pausile panna](#)

### **Tarkvara usaldusväärsusega seotud praktikatest ja suundumustest lennukitööstuses. Gene-Auto projekti kogemuste põhjal**

Toom, Andres A & A 2011 / 2, lk. 10-27 : ill [https://artiklid.elnet.ee/record=b2431011\\*est](https://artiklid.elnet.ee/record=b2431011*est)

### **Tarkvaraarenduse klubi Lapikud**

Studioosus 2021 / lk. 39 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Tarkvaraarenduse klubi Lapikud**

Studioosus 2022 / lk. 17 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Tarkvaraarenduse klubi Lapikud**

Studioosus 2023 / lk. 25 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

### **Tarkvaraprotsesside täiustamisest**

Lepmets, Marion A & A 2007 / 4, lk. 23-31 : ill

### **Tarkvarasüsteemide areng 2005. aastal**

Õunapuu, Enn A & A 2005 / lk. 5-6

### **Teaching and promoting smart internet of things solutions using the serious-game approach**

Õunapuu, Enn Fusion of smart, multimedia and computer gaming technologies : research, systems and perspectives 2015 / p. 73-

### Teaching modeling in SysML/UML and problems encountered

**Kruus, Helena; Robal, Tarmo; Jervan, Gert** Proceedings of the 25th International Conference on European Association for Education in Electrical and Information Engineering : 30 May-June 2014, Cesme, Türkiye 2014 / p. 33-36 : ill

### Techniques of combination of metamodel extensions

**Raabe, Alar** Proceedings of the Estonian Academy of Sciences. Engineering 2002 / 1, p. 3-17 : ill  
[https://artiklid.elnet.ee/record=b1009137\\*est](https://artiklid.elnet.ee/record=b1009137*est)

### Technology and the reincarnation cycles of software

Jaakkola, Hannu; **Henno, Jaak**; Mäkelä, Jukka Sixth Workshop on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2017 : Belgrade, Serbia, 11-13.09.2017 : proceedings 2017 / p. 5:1-5:10 : ill <http://ceur-ws.org/Vol-1938/paper-jak.pdf> Conference proceedings at Scopus Article at Scopus

### Tehismõistus õpetab masinaid

**Tammet, Tanel** Tehnikamaailm 2024 / lk. 60-65 : ill., fot., portr [https://www.ester.ee/record=b1073050\\*est](https://www.ester.ee/record=b1073050*est)

### Tehke oma visuaalne keel : Eesti Teadusfondi projekt "Laiendatav visuaalne kirjanduskeel koos tugikeskkonnaga" 2003-2005

**Tõugu, Enn** Eesti Teadusfondi aastaraamat 2006 2007 / lk. 19-20 : ill

### Test driven domain modelling

**Piho, Gunnar; Tepandi, Jaak; Parman, Marko; Puusep, Viljam; Roost, Mart** MIPRO 2011 : 34th International Convention on Information and Communication Technology, Electronics and Microelectronics : May 23-27, 2011, Opatija, Croatia : proceedings 2011 / p. 576-581 <https://ieeexplore.ieee.org/stamp/stamp.jsp?arnumber=5967121>

### Testing web services with model-based mutation

Siavashi, Faezeh; Iqbal, Junaid; Truscan, Dragos; **Vain, Jüri** Software Technologies : 11th International Joint Conference, ICSOFT 2016 : Lisbon, Portugal, July 24-26, 2016 : revised selected papers 2017 / p. 45-67 [https://doi.org/10.1007/978-3-319-62569-0\\_3](https://doi.org/10.1007/978-3-319-62569-0_3) Conference proceedings at Scopus Article at Scopus Article at WOS

### A textual domain specific language for user interface modelling

**Karu, Mart** Emerging trends in computing, informatics, systems sciences, and engineering 2013 / p. 985-996  
[https://doi.org/10.1007/978-1-4614-3558-7\\_84](https://doi.org/10.1007/978-1-4614-3558-7_84) Conference Proceedings at Scopus Article at Scopus

### The benefits of self-awareness and attention in fog and mist computing

**Preden, Jürjo-Sören; Tammemäe, Kalle; Jantsch, Axel; Leier, Mairo; Riid, Andri**; Calis, Emine Computer 2015 / p. 37-45 : ill  
<https://doi.org/10.1109/MC.2015.207> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### The Crisis Management System - a case study on aspect-oriented modelling with UPPAAL

Iqbal, Junaid; Truscan, Dragos; Porres, Ivan; **Tsiopoulos, Leonidas; Vain, Jüri** 2016 [http://tucs.fi/publications/view/?pub\\_id=tlqTsTrVaPo16a](http://tucs.fi/publications/view/?pub_id=tlqTsTrVaPo16a)

### The essential competencies of software professionals : a unified competence framework

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Information and software technology 2022 / art. 107020, 20 p. : ill  
<https://doi.org/10.1016/j.infsof.2022.107020> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### The most prominent software development concepts cited in IT professionals' blogs

**Ojastu, Deniss; Robal, Tarmo; Kalja, Ahto** Perspectives in business informatics research : 14th International Conference, BIR 2015, Tartu, Estonia, August 26-28, 2015 : proceedings 2015 / p. 197-212 [https://doi.org/10.1007/978-3-319-21915-8\\_13](https://doi.org/10.1007/978-3-319-21915-8_13) Conference proceedings at Scopus Article at Scopus

### The Once-Only Principle Project : Generic Federated OOP Architecture (2nd version) [Online resource]

Grandry, Eric; Brandt, Paul; Dimitriou, Jerry; Fietsen, Sander; Rotuna, Carmen; **Tepandi, Jaak; Täks, Ermo**; Verhoosel, Jack P. C.; Zeginis, Dimitris 2018 [http://www.toop.eu/sites/default/files/D22\\_Generic\\_Federated\\_OOP\\_Architecture\\_Final.pdf](http://www.toop.eu/sites/default/files/D22_Generic_Federated_OOP_Architecture_Final.pdf)

### The role of the environment in agreement technologies

Argente, Estefania; Boissier, Olivier; **Taveter, Kuldar** Artificial intelligence review 2013 / p. 21-38 : ill <https://doi.org/10.1007/s10462-012-9388-1> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### The state of research on software engineering competencies : a systematic mapping study

Assyne, Nana; **Ghanbari, Hadi**; Pulkkinen, Mirja Journal of systems and software 2022 / art. 111183, 18 p. : ill  
<https://doi.org/10.1016/j.jss.2021.111183> Journal metrics at Scopus Article at Scopus Journal metrics at WOS Article at WOS

### The state of the art for blockchain-enabled smart-contract applications in the organization

**Udokwu, Chibuzor; Kormiltsõn, Aleksandr; Thangalimodzi, Kondwani; Norta, Alexander** 2018 Ivannikov Isp Ras Open Conference Dedicated to the 70th Anniversary of Computer Science in Russia : ISPRAS 2018: 22–23 November, 2018 Moscow, Russia Federation 2018 / p. 137-141 <http://doi.org/10.1109/ISPRAS.2018.00029>

**The uncertainties management framework : eliminating uncertainties from the process**

**Kumlander, Deniss** Information system development : improving enterprise communication 2014 / p. 473-485

**Theses of Tallinn University of Technology. C, Thesis on informatics and system engineering = [Tallinna Tehnikaülikooli väitekirjad]. C, Informaatika ja süsteemitehnika, 1406-4731 ; 80**

**Reilent, Enar** 2012

**Time-awareness and proactivity in models of interactive computation**

**Mõtus, Leo;** Meriste, Merik; Dosch, Walter Electronic notes in theoretical computer science 2005 / p. 69-95 : ill

<https://www.sciencedirect.com/science/article/pii/S157106610505190X>

**A tool-supported approach for introducing aspects in UPPAAL timed automata**

Truscan, Dragos; **Vain, Jüri;** Koskinen, Martin; Iqbal, Junaid Software technologies : 9th International Joint Conference, ICSoft

2014, Vienna, Austria, August 29-31, 2014 : revised selected papers 2015 / p. 349-364 [https://doi.org/10.1007/978-3-319-25579-8\\_20](https://doi.org/10.1007/978-3-319-25579-8_20)

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

**Tour de TalTech 1. etapp : Lapikud**

**Heinla, Liisa** Studioosus 2020 / lk. 18-19 : fot [https://www.ester.ee/record=b1558644\\*est](https://www.ester.ee/record=b1558644*est)

**Towards a Cross-Border Reference Architecture for the Once-Only Principle in Europe : An Enterprise Modelling Approach**

**Tepandi, Jaak;** Grandry, Eric; Fieten, Sander; **Draheim, Dirk; Piho, Gunnar** The Practice of Enterprise Modeling : 12th IFIP

Working Conference, PoEM 2019, Luxembourg, Luxembourg, November 27–29, 2019 : proceedings 2019 / p. 103-117

[https://doi.org/10.1007/978-3-030-35151-9\\_7](https://doi.org/10.1007/978-3-030-35151-9_7) [Conference proceeding at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

**Towards a new paradigm of software development: an ambassador driven process in distributed software companies**

**Kumlander, Deniss** Advanced techniques in computing sciences and software engineering 2010 / p. 487-490

[https://link.springer.com/chapter/10.1007/978-90-481-3660-5\\_84](https://link.springer.com/chapter/10.1007/978-90-481-3660-5_84)

**Towards archetypes based domain model of clinical laboratory**

**Piho, Gunnar** Proceedings of Doctoral Symposium held in Conjunction with Formal Methods : May 26-30, 2008, Turku, Finland 2008

/ p. 33-42

**Towards archetypes-based software development**

**Piho, Gunnar; Roost, Mart;** Perkins, David; **Tepandi, Jaak** Innovations in computing sciences and software engineering 2010 / p.

561-566

**Towards better specifications for software outsourcing**

**Lump, Peeter; Ernits, Juhan-Peep; Vain, Jüri** Databases and Information Systems : proceedings of the 11th International Baltic

Conference, Baltic DB&IS 2014 : Tallinn, Estonia, 8-11 June, 2014 2014 / p. 453-458 : ill

**Towards disaster resilient smart cities : can internet of things and big data analytics be the game changers?**

Shah, Syed Attique; Seker, Dursun Zafer; Rathore, M. Mazhar; Hameed, Sufian; **Ben Yahia, Sadok; Draheim, Dirk** IEEE Access

2019 / art. 8759905, p. 91885–91903 <https://doi.org/10.1109/ACCESS.2019.2928233> [Journal metrics at Scopus](#) [Article at Scopus](#)

[Journal metrics at WOS](#) [Article at WOS](#)

**Towards LIMS (Laboratory Information Management Systems) software in global context**

**Piho, Gunnar; Tepandi, Jaak; Parman, Marko** MIPRO 2012 : 35th International Convention on Information and Communication

Technology, Electronics and Microelectronics : May 21 - 25, 2012, Opatija, Croatia : proceedings 2012 / p. 721-726 : ill

<https://ieeexplore.ieee.org/document/6240739>

**Towards self-development of evolutionary information systems : an action research of business architecture development by students in socially networked groups**

**Roost, Mart; Taveter, Kuldar; Rava, Karin; Tepandi, Jaak; Piho, Gunnar; Kuusik, Rein, inform.;** Õunapuu, Enn Advanced

Information Systems Engineering Workshops : CAiSE 2013 International Workshops, Valencia, Spain, June 17-21, 2013 :

proceedings 2013 / p. 1-15 [https://doi.org/10.1007/978-3-642-38490-5\\_1](https://doi.org/10.1007/978-3-642-38490-5_1) [Conference Proceedings at Scopus](#) [Article at Scopus](#)

**Trends in software design education**

**Jaakkola, Hannu; Henno, Jaak** MIPRO 2008 : 31th International Convention on Information and Communication Technology,

Electronics and Microelectronics : May 26-30, Opatija, Croatia : proceedings. IV 2008 / p. 89-93

**Tudengi loodud tööriist lihtsustab ehitusloa taotlemist**

### **TURBO TESTER : a set of software tools for CAD of test for digital circuits**

**Ubar, Raimund-Johannes; Tuli, Viljar; Buldas, Ahto; Saarepera, Märt** Fourth EUROCHIP Workshop on VLSI Design Training, 29 September to 1 October 1993, [Toledo] 1993 / p. 396

### **A Two-layered approach for the validation of an operational autonomous shuttle**

**Malayjerdi, Mohsen;** Goss, Quentin A.; Akbas, Mustafa Ilhan; **Sell, Raivo; Bellone, Mauro** IEEE Access 2023 / p. 89124–89137  
<https://doi.org/10.1109/ACCESS.2023.3306602> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Türgist Eestisse üksarvikut ehitama. „Tahan Eestile midagi tagasi anda“**

Sildmets, Kadri Eesti Päevaleht 2023 <https://dea.digar.ee/article/lp/2023/07/28/15.1> [Türgist Eestisse üksarvikut ehitama. „Tahan Eestile midagi tagasi anda“](#)

### **Unification of decision support techniques : mitigating statistical paradoxes for enabling trustworthy decision making = Otsuste toetamise tehnikate ühtlustamine : statistiliste paradokside mõju maandamine usaldusväärsete otsuste tegemise võimaldamiseks**

**Sharma, Rahul** 2023 <https://doi.org/10.23658/taltech.49/2023> <https://digikogu.taltech.ee/et/Item/ae7a764a-f548-4750-8ba8-5efa79038799>  
[https://www.ester.ee/record=b5638878\\*est](https://www.ester.ee/record=b5638878*est)

### **Unified Processi evitamist ettevõttes**

**Leis, Paul A & A** 2007 / 1, lk. 29–42 : ill [https://artiklid.elnet.ee/record=b1020326\\*est](https://artiklid.elnet.ee/record=b1020326*est)

### **Unified remote and virtual lab solutions for engineering education**

**Sell, Raivo;** Seiler, Sven; **Rüütmann, Tiia** Online experimentation : emerging technologies and IoT 2015 / p. 383–400  
[http://www.sensorsportal.com/HTML/BOOKSTORE/Online\\_Experimentation.htm](http://www.sensorsportal.com/HTML/BOOKSTORE/Online_Experimentation.htm)

### **Using high-resolution spectral models of gravity anomaly for computing stochastic modifications of Stokes's formula**

**Ellmann, Artu** Computers & geosciences 2012 / p. 188–190 : ill

### **Using machine learning algorithms to form an automatic student's grade based on the sets of assessment questions**

**Shvets, Oleg; Kuzmina, Jelena; Murtazin, Kristina; Piho, Gunnar;** Meeter, Martijn INTED2023 Proceedings 2023 / p. 1066–1074  
<https://doi.org/10.21125/inted.2023.0319>

### **Using models in real-time software design**

**Selic, Bran; Mõtus, Leo** IEEE control systems magazine 2003 / 3, p. 31–42  
[https://www.researchgate.net/publication/3207453\\_Using\\_models\\_in\\_real-time\\_software\\_design](https://www.researchgate.net/publication/3207453_Using_models_in_real-time_software_design)

### **Uus Allplan 2013 ühendab arhitektile ja insenerile vajalikke töövahendeid : [tutvustab Urmas Jüriorg]**

**Jüriorg, Urmas** Ehitaja 2012 / lk. 40–41 : ill

### **Web-based framework for distributed remote laboratory in the field of digital system test**

**Ivask, Eero; Jutman, Artur; Raik, Jaan; Ubar, Raimund-Johannes** 19th EAEEIE Annual Conference : June 29–July 2, 2008, Tallinn, Estonia : formal proceedings 2008 / p. 182–187 : ill <http://dx.doi.org/10.1109/EAEEIE.2008.4610183>

### **Web-based software package for e-learning and research training in digital system design**

**Jutman, Artur; Kruus, Margus; Sudnitsõn, Aleksander; Ubar, Raimund-Johannes;** Wuttke, Heinz-Dietrich Информационные технологии в науке, образовании, телекоммуникации и бизнесе : Материалы XXXII Международной конференции IT+SE'2005 : Украина, Крым, Ялта-Гурзуф, 19–28 мая 2005 г 2005 / [2] p

### **Veebirakenduste loomine - traditsioonilise tarkvaraarenduse ja loomingulise disaini ühendamine**

**Eessaar, Erki A & A** 2000 / 3, lk. 27–37 : ill [https://artiklid.elnet.ee/record=b1004182\\*est](https://artiklid.elnet.ee/record=b1004182*est)

### **Veebiteenused reeglite ikkes**

**Tammet, Tanel** Arvutimaailm 2007 / 1, lk. 14–18 [https://artiklid.elnet.ee/record=b1020192\\*est](https://artiklid.elnet.ee/record=b1020192*est)

### **When computers become too smart**

**Tõugu, Enn** Information modelling and knowledge bases XXIII 2012 / p. 412–418 : ill <https://ebooks.iospress.nl/DOI/10.3233/978-1-60750-992-9-412>

### **Whole-part relationships in the object-relational databases**

**Eessaar, Erki** Proceedings of the 10th WSEAS International Conference on Computers : Vouliagmeni, Athens, Greece, July 10–15, 2006 2006 / p. 1263–1268

### **Why information systems modelling is difficult**

**Jaakkola, Hannu; Henno, Jaak;** Welzer-Družovec, Tatjana; Thalheim, Bernhard; Mäkelä, Jukka Proceedings of the Fifth Workshop

on Software Quality Analysis, Monitoring, Improvement, and Applications : SQAMIA 2016 : Budapest, Hungary, August 29-31, 2016  
2016 / p. 29-39 : ill [http://ceur-ws.org/Vol-1677/Conference\\_Proceedings\\_at\\_Scopus\\_Article\\_at\\_Scopus](http://ceur-ws.org/Vol-1677/Conference_Proceedings_at_Scopus_Article_at_Scopus)

**VIDRIK arendas nutikate prügimahutite lahenduse Eesti oludele**

Põdersalu, Heiko tootusest.ee 2024 [arendas nutikate prügimahutite lahenduse Eesti oludele](#)

**VIDRIK arendas nutikate prügimahutite lahenduse Eesti oludele**

Põdersalu, Heiko TööstusEST 2024 / lk. 10-11 : fot [https://www.ester.ee/record=b4481084\\*est](https://www.ester.ee/record=b4481084*est)

**Virtuaaltehas võimaldab hinnata tootmise tõhusust juba enne reaalset ehituse algust**

Kõik tööstustehnikast 2021 / p. 12-13 <https://eestiturundusagentuur.ee/wp-content/uploads/2021/12/Toostustehnika-v.pdf>

**Virtuaaltehas võimaldab hinnata tootmise tõhusust juba enne reaalset ehituse algust [Võrguväljaanne]**

digi.geenius.ee 2022 "[Virtuaaltehas võimaldab hinnata tootmise tõhusust juba enne reaalset ehituse algust](#)"

**A visual model of the CRUD matrix**

**Torim, Ants** Information modelling and knowledge bases XXIII 2012 / p. 313-320 : ill <https://ebooks.iospress.nl/DOI/10.3233/978-1-60750-992-9-313>

**A visual model of the CRUD matrix**

**Torim, Ants** Proceedings of the 21th [i. e. 21st] European-Japanese Conference on Information Modelling and Knowledge Bases : EJC2011 : Tallinn, Estonia, June 06-10, 2011. Vol. 2 2011 / p. 114-121 : ill

**VKG Energia soojuselektrijaamade talitluse optimeerimise meetodika ja vastava arvutitarkvaresüsteemi loomine : lepingu 115-14 1. etapi aruanne**

Keel, Matti; Valdma, Mati; Tammoja, Heiki; Šuvalova, Jelena 2015

**Vulnerability assessment of web services with model-based mutation testing**

Siavashi, Faezeh; Truscan, Dragos; **Vain, Jüri** 2018 IEEE 18th International Conference on Software Quality, Reliability, and Security - QRS 2018 - : 16-20 July 2018, Lisbon, Portugal : proceedings 2018 / p. 301-312 : ill <http://doi.org/10.1109/QRS.2018.00043>

**Õnnelikud juhused tabavad tegijaid : [intervjuu TTÜ aasta vilistlase Hardi Meybaumiga]**

Penjam, Tiia; Meybaum, Hardi Mente et Manu 2013 / lk. 20-22 : fot

**Ülikool tellib miljonite eest õppeinfosüsteemi arendus- ja hooldustöid**

postimees.ee 2024 [Ülikool tellib miljonite eest õppeinfosüsteemi arendus- ja hooldustöid](#)

**X-road data traffic open for the second year**

Kalja, Ahto Information technology in public administration of Estonia : yearbook 2003 2004 / p. 32-37

**Зарубежные средства машинной поддержки цикла жизни программного обеспечения : (обзор и анализ)**

Melnikov, I.A.; Raabe, A.S.; Tamm, Boris, inform. 1988 [https://www.ester.ee/record=b1222392\\*est](https://www.ester.ee/record=b1222392*est)

**Организация мультимплексного канала для малой ЭВМ**

**Jakovlev, P.; Jänes, Mart** XX студенческая научно-техническая конференция вузов Прибалтийских республик, Белорусской ССР и Молдавской ССР : тезисы докладов. Часть 1 1974 / с. 135 [https://www.ester.ee/record=b1306141\\*est](https://www.ester.ee/record=b1306141*est)

**Разработка базового программного обеспечения поднастраиваемых САПР-ТП**

Viktorova, N.H.; **Eljas, Olev** Автоматизация технологического проектирования процессов механической обработки 1980 / с. 11-17 : илл [https://www.ester.ee/record=b1264085\\*est](https://www.ester.ee/record=b1264085*est) <https://digikogu.taltech.ee/et/Item/aa289342-1aa3-423b-bc3c-a9a726e8a77e>