

Aasta insener 2021 Argo Rosin: rohepööre tõstab inseneride palgad edetabelite tippu

Rosin, Argo Director. Inseneeria 2022 / lk. 22-29 : fot https://www.ester.ee/record=b1519314*est <https://director.ee/2022/01/28/aasta-insener-2021-argo-rosin-rohepoore-tostab-inseneride-palgad-edetabelite-tippu/>

Aasta insener 2024 on Siim Heering

toostusest.ee 2024 <https://toostusest.ee/uudis/2024/12/16/aasta-insener-2024-on-siim-heering/>
<https://teadus.postimees.ee/8155510/tanavune-aasta-insener-tegeleb-mehitamata-lennuvahenditega>

Aasta teadlane: alalisvool aitab parandada hoone energiatõhusust 18 protsenti

Alvela, Ain postimees.ee 2023 [Aasta teadlane: alalisvool aitab parandada hoone energiatõhusust 18 protsenti](#)

Aasta tehnikaüliõpilane 2021 on Karolina Kudelina

Vaimann, Toomas Meie Leht 2021 / lk. 4 http://narva-joesuu.ee/documents/2032926/30038466/Meie_Leht_DETSEMBER_2021_EST.pdf/6812d56d-dce2-4684-87ee-72639332075f

Aasta tehnikaüliõpilane Brenda Pent: inseneeria on naiste ala ja ülipõnev

Kamps, Mari visionest.institute 2024 [Aasta tehnikaüliõpilane Brenda Pent: inseneeria on naiste ala ja ülipõnev](#)

ABB YuMi high-speed pick and place game in action

Zahavi, Ali; Al Afrange, Fadi; Najafi Haeri, Shahriar; Ajeevan, Udith; **Chamara Liyanage, Dhanushka** Proceedings of the 29th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 24-27th October 2018, Zadar, Croatia 2018 / p. 1216-1221 : ill <https://doi.org/10.2507/29th.daaam.proceedings.176>

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AC magnetic loss reduction of SLM processed Fe-Si for additive manufacturing of electrical machines

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Sidorov, Vadim; Chub, Andrii; Vinnikov, Dmitri 2021 IEEE 15th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) : Florence, Italy, 14-16 July 2021 2021 <https://doi.org/10.1109/CPE-POWERENG50821.2021.9501077>

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Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1S, 0,2S and 0,5S) (IEC 62053-22:2020)

2021 https://www.ester.ee/record=b5435102*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 22, Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,1 S, 0,2 S ja 0,5 S) = Electricity metering equipment : particular requirements. Part 22, Static meters for AC active energy (classes 0,1 S, 0,2 S and 0,5 S) (IEC 62053-22:2020)

2021 https://www.ester.ee/record=b5463980*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2020)

2021 https://www.ester.ee/record=b5435109*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3) (IEC 62053-23:2020)

2021 https://www.ester.ee/record=b5464102*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 23, Staatilised reaktiivenergia arvestid (klassid 2 ja 3) = Electricity metering equipment : particular requirements. Part 23, Static meters for reactive energy (classes 2 and 3)

2021 https://www.ester.ee/record=b5464111*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5435137*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5465248*est

Elektrimõõteseadmed [Võrguteavik] : erinõuded. Osa 24, Staatilised põhisagedus-reaktiivenergia arvestid (klassid 0,5 S, 1 S, 1, 2 ja 3) = Electricity metering equipment : particular requirements. Part 24, Static meters for fundamental component reactive energy (classes 0,5S, 1S, 1, 2 and 3) (IEC 62053-24:2020)

2021 https://www.ester.ee/record=b5465245*est

Elektrimõõtesedmed [Võrguteavik] : erinõuded. Osa 21: Staatilised vahelduvvoolu aktiivenergia arvestid (klassid 0,5, 1 ja 2) = Electricity metering equipment. Particular requirements. Part 21: Static meters for AC active energy (classes 0,5, 1 and 2)(IEC 62053-21:2020)

2021 https://www.ester.ee/record=b5435094*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 3, Rikkesilmuse näivtakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 3, Loop impedance (IEC 61557-3:2019)

2022 https://www.ester.ee/record=b5509793*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019)

2022 https://www.ester.ee/record=b5509797*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019/AMD1:2023)

2023 https://www.ester.ee/record=b5652663*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 7, Faasijärjestus = Electrical safety in low voltage distribution systems up to 1000 V AC and 1500 V DC : equipment for testing, measuring or monitoring of protective measures. Part 7, Phase sequence (IEC 61557-7:2019+IEC 61557-7:2019/AMD1:2023)

2023 https://www.ester.ee/record=b5651790*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 1, Üldnõuded = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 1, General requirements (IEC 61557-1:2019)

2021 https://www.ester.ee/record=b5479190*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 2, Isolatsioonitakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 2, Insulation resistance (IEC 61557-2:2019)

2021 https://www.ester.ee/record=b5479192*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 4, Maandusjuhtide ja potentsiaaliühtlustusjuhtide takistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 4, Resistance of earth connection and equipotential bonding (IEC 61557-4:2019)

2021 https://www.ester.ee/record=b5479193*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 5, Maandustakistus = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 5, Resistance of earth (IEC 61557-5:2019)

2021 https://www.ester.ee/record=b5479568*est

Elektriohutus madalpingevõrkudes vahelduvpingega kuni 1000 V ja alalispingega kuni 1500 V [Võrguteavik] : kaitsesüsteemide katsetus-, mõõte- ja seireseadmed. Osa 6, Rikkevoolukaitseaparaatide tõhusus TT-, TN- ja IT-süsteemides = Electrical safety in low voltage distribution systems up to 1000 V a.c. and 1500 V d.c. : equipment for testing, measuring or monitoring of protective measures. Part 6, Effectiveness of residual current devices (RCD) in TT, TN and IT systems (IEC 61557-6:2019)

2021 https://www.ester.ee/record=b5479599*est

Elektriseadmed [Võrguteavik] : liigvoolukaitselülitid majapidamis- ja muudele taolistele paigaldistele. Osa 2, Vahelduv- ja alalisvoolul kasutatavad kaitselülitid = Electrical accessories : circuit-breakers for overcurrent protection for household and similar installations. Part 2, Circuit-breakers for a.c. and d.c. operation (IEC 60898-2:2016, modified)

2021 https://www.ester.ee/record=b5473393*est

Elektrisüsteemi arvutamise alused reaalaajasimulatsioonide raamistikus : harjutused

Leinakse, Madis; Andreesen, Guido; Campos, Nathalia de Moraes Dias 2022 https://haldus.taltech.ee/sites/default/files/2023-02/EE_ins_Elektris%C3%BCsteemi_arvutamise_alused_reaalaajasimulatsioonide_raamistikus_Harjutused.pdf

Elektritarkvõrgud ja virtuaalsed elektrijaamad

Rosin, Argo; Korõtko, Tarmo TööstusEST 2018 / lk. 32-34 : ill http://www.ester.ee/record=b4481084*est
<https://toostusest.ee/uudis/2018/09/04/virtuaalsed-elektrijaamad/> https://artiklid.elnet.ee/record=b2865323*est

Elektritootmine Eestis - kuhu edasi?

Palu, Ivo; Tull, Marek Elektriala 2023 / lk. 8-10 https://www.ester.ee/record=b1240496*est
<https://dea.digar.ee/article/AKelektriala/2023/10/0/10.1>

Elektritraktoriga otse merre? Miks ka mitte?

Tiidemann, Tiit Director. Inseneeria 2017 / lk. 108-111 : fot http://www.ester.ee/record=b1519314*est
https://artiklid.elnet.ee/record=b2824268*est

Elektrivõrkude arengust

Korõtko, Tarmo; Pettai, Elmo Elektriala 2018 / lk. 10-13 : ill http://www.ester.ee/record=b1240496*est
https://artiklid.elnet.ee/record=b2865343*est

Elektriõhuliinid vahelduvpingega üle 1 kV. Osa 2-20, Eesti riiklikud erinõuded (SEN) [Võrguteavik] = Overhead electrical lines exceeding AC 1 kV. Part 2-20, National Normative Aspects (NNA) for Estonia (based on EN 50341-1:2012)

2018 https://www.ester.ee/record=b5186383*est

Elektromagnetiline ühilduvus. Osa 6-1, Erialased põhistandardid. Häiringutaluvus olme-, kaubandus- ja väiketööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-1, Generic standards. Immunity standard for residential, commercial and light-industrial environments (IEC 61000-6-1:2016)

2019 https://www.ester.ee/record=b5205425*est

Elektromagnetiline ühilduvus. Osa 6-2, Erialased põhistandardid. Häiringutaluvus tööstuskeskkondades [Võrguteavik] = Electromagnetic compatibility (EMC). Part 6-2, Generic standards. Immunity standard for industrial environments (IEC 61000-6-2:2016)

2019 https://www.ester.ee/record=b5205860*est

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Kütt, Lauri Elektriala 2024 / lk. 28-31 : fot., ill., portr https://www.ester.ee/record=b1240496*est

Elektromagnetmüra võib arvesti näidud sassi ajada ja teha muud kurja

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Elektromagnetväljad: masinate mäss või terviseoht?

Kütt, Lauri EhitusEST 2023 / lk. 24-27 : fot https://www.ester.ee/record=b4442657*est

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Mashinchi Maheri, Hamed; Vinnikov, Dmitri; Nozadian, Mohsen Hasan Babayi; Shokati Asl, Elias; Babaei, Ebrahim; Chub, Andrii Energies 2021 / art. 6433, 21 p. : ill <https://doi.org/10.3390/en14196433> [Journal metrics at Scopus](https://scopus.com/record/display?doi=10.3390/en14196433) [Article at Scopus](https://wos.com/record/display?doi=10.3390/en14196433) [Journal metrics at WOS](https://scopus.com/record/display?doi=10.3390/en14196433) [Article at WOS](https://wos.com/record/display?doi=10.3390/en14196433)

Emerging converter topologies and control for grid connected photovoltaic systems

2021 <https://doi.org/10.3390/books978-3-03943-910-2>

Emeriitprofessor Jaan Järvik 85!

Elektriala 2024 / lk. 22 : portr https://www.ester.ee/record=b1240496*est

Emeriitprofessor kiidab Sõnajalgade tuulikuid : alguses olin mina ka skeptiline [Elektrooniline teavik]

Järvik, Jaan ärileht.ee 2019 / [3] l. : ill <https://arileht.delfi.ee/news/uudised/emeriitprofessor-kiidab-sonajalgade-tuulikuid-alguses-olin-mina-ka-skeptiline?id=86180313>

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<https://doi.org/10.1109/RTUCon51174.2020.9316621>

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Enefit Green: jääne meri teeb tuulikute rajamise kallimaks

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Hamburg, Arvi Eesti Teaduste Akadeemia aastaraamat = Annales academiae scientiarum Estonicae 2016 2017 / lk. 35-37 http://www.ester.ee/record=b1218094*est

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Energia trilemma tulevikus

Tamm, Liivi TööstusEST 2023 / lk. 18-20 : fot https://www.ester.ee/record=b4481084*est

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Mishra, Sambeet; Crasta, Cletus J. novaator.err.ee 2021 ["Energiasektori kese nihkub tulevikus lõpptarbija telefoni"](#)

Energiat tootev teekatend nüüd ka Eestis

Jalakas, Tanel; Chub, Andrii; Vinnikov, Dmitri; Spalatu, Nicolae; Gudkova, Viktoria; **Krunks, Malle; Mere, Arvo; Lahi, Allan;** Lindvest, Andre Elektriala 2023 / lk. 14-16 : portr., fot https://www.ester.ee/record=b1240496*est

Energy co-pricing in an integrated energy system for promoting electric energy substitution

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Hamburg, Arvi Estonian Academy of Sciences year book 2016 2017 / p. 39-41

Energy management for an integrated energy system with data centers considering carbon trading

Wang, Yizheng; Li, Zhonghui; **Wen, Fushuan; Palu, Ivo;** Sun, Yikai; Zhang, Lijun; Gao, Meijin 2020 IEEE Power & Energy Society General Meeting (GM 2020) 2020 / 5 l <https://doi.org/10.1109/PESGM41954.2020.9281980>

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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 management of an isolated microgrid : a practical case

Ghasemi-Marzbali, Ali; **Ahmadihangar, Roya;** Gouran Orimi, Sina; Shafiei, Mohammad; **Häring, Tobias; Rosin, Argo** IECON

Energy router based energy management system for nearly zero energy buildings

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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>

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Energy storage for 1500 V photovoltaic systems : A comparative reliability analysis of DC-and AC-Coupling

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Rikkas, Elina Rebecka; Lahdelma, Risto Energy 2021 / art. 120839 <https://doi.org/10.1016/j.energy.2021.120839>

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Wang, Yizheng; Jiang, Chenwei; Wen, Fushuan; Xue, Yusheng; Chen, Fei; Zhang, Lijun; Yuan, Xiang Journal of energy engineering 2021 / p. 04020076-1-04020076-12 : ill [https://doi.org/10.1061/\(ASCE\)EY.1943-7897.0000726](https://doi.org/10.1061/(ASCE)EY.1943-7897.0000726) [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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Härm, Mihkel 2020 <https://digikogu.taltech.ee/et/Item/3087bc85-dafc-4489-98bb-0ee9dbd26b27>

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Nozadian, Mohsen Hasan Babayi; **Hassanpour, Naser; Khan, Salman** 2024 IEEE 18th International Conference on Compatibility, Power Electronics and Power Engineering (CPE-POWERENG) 2024 / 6 p <https://doi.org/10.1109/CPE-POWERENG60842.2024.10604411>

Enhancing grid-forming converters control in hybrid AC/DC microgrids using bidirectional virtual inertia support

Bakeer, Abualkasim Ahmed Ali; Chub, Andrii; Abid, Abderahmane; Zaid, Sherif A.; Alghamdi, T. A. H.; Salama, Hossam S. Processes 2024 / art. 139 <https://doi.org/10.3390/pr12010139> <https://www.mdpi.com/2227-9717/12/1/139/htm> [Journal metrics at Scopus](#)
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Enhancing PV hosting capacity and mitigating congestion in distribution networks with deep learning based PV forecasting and battery management

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Enhancing transmission line reliability : an AI-driven approach to fault identification and classification

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ENTA president: napp järelkasv ohustab eestikeelse kõrghariduse tulevikku

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