

An IoT-based approach to digitalize a manufacturing system

Mahmood, Kashif; Otto, Tauno; Karaulova, Tatjana; Ševtšenko, Eduard 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 257-261 : ill http://ise.elnet.ee/record=b2950215~S2*est

Analysis and comparison of high-frequency link converter topologies

Korkh, Oleksandr 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 156-161 : ill http://ise.elnet.ee/record=b2950098~S2*est

Analysis of a three-phase induction motor using the dynamic state space model

Asad, Bilal; Vaimann, Toomas; Belahcen, Anouar 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 65-69 : ill http://ise.elnet.ee/record=b2950017~S2*est

Defining the light-technical parameters and applying the recommended measuring methods for creating the smart crossings

Varjas, Toivo; Möller, Taavi; Rosin, Argo 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 111-113 : ill http://ise.elnet.ee/record=b2950028~S2*est

Design of a wearable mechatronic brace

Vu, Trieu Minh; Tamre, Mart; Safonov, Aleksei; Kovalenko, Pavel; Monahov, Juri 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 9-13 : ill http://ise.elnet.ee/record=b2949854~S2*est

End-user electricity consumption modelling for power quality analysis of residential buildings

Iqbal, Muhammad Naveed; Kütt, Lauri 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 59-62 : ill http://ise.elnet.ee/record=b2950015~S2*est

Fluidized bed pyrolysis as a new approach for shale oil production

Pikkor, Heliis; Siirde, Andres 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 277-279 : ill http://ise.elnet.ee/record=b2950220~S2*est

MIGRATE - research enabling 100% renewable generation in future power systems

Löper, Mari; Kangro, Triin; Tuttelberg, Kaur; Tealane, Marko; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 175-181 : ill http://ise.elnet.ee/record=b2950104~S2*est

Modelling a blended braking system of electric vehicles

Vodovozov, Valery; Aksjonov, Andrei 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 16-22 : ill http://ise.elnet.ee/record=b2949856~S2*est

Novel family of single-stage buck-boost inverters based on unfolding circuit : [conference paper]

Matiushkin, Oleksandr; Husev, Oleksandr 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 128-129 : ill http://ise.elnet.ee/record=b2950043~S2*est

A novel human-machine interface evaluation methodology for passenger vehicles

Aksjonov, Andrei 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 72-78 : ill http://www.estel.ee/record=b4763182*est http://ise.elnet.ee/record=b2950019~S2*est

Overview of advanced functionalities for residential photovoltaic inverter connected to the grid

Makovenko, Elena; Husev, Oleksandr; Romero-Cadaval, Enrique 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 99-102 : ill http://ise.elnet.ee/record=b2950024~S2*est

Overview of Energy Management Systems for net zero energy buildings

Maask, Vahur 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 172-174 : ill http://ise.elnet.ee/record=b2950102~S2*est

Preliminary study on comparative load modelling in PSS/E and PSCAD

Leinakse, Madis; Kapp, Henry; Kilter, Jako 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 197-199 : ill http://ise.elnet.ee/record=b2950110~S2*est

Reactive power sharing and voltage control for islanded microgrids at low voltage level

Helguero Cruz, Jorge Luis; Hutter, T.; Armstorfer, Andreas; Rosin, Argo; Biechl, Helmuth 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 133-137 : ill http://ise.elnet.ee/record=b2950045~S2*est

Reducing of sparking caused by the parametric modulation of sliding electric contact unit at synchronous machine

Kozyreva, Oksana; Plokhov, Igor; Kotkov, Nikita; **Gevorkov, Levon; Rassõlkin, Anton; Vaimann, Toomas; Kallaste, Ants** 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 236-239 : ill http://ise.elnet.ee/record=b2950145~S2*est

Reduction of academic dishonesty in learning engineering courses

Raud, Zoja; Vodovozov, Valery 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 23-29 : ill http://ise.elnet.ee/record=b2949857~S2*est

Reliability evaluation of an impedance-source PV microconverter

Shen, Yanfeng; **Liivik, Elizaveta**; Blaabjerg, Frede; **Vinnikov, Dmitri**; Wang, Huai; **Chub, Andrii** 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 108-110 : ill http://ise.elnet.ee/record=b2950026~S2*est

Thermal model of a synchronous reluctance motor

Shams Ghahfarokhi, Payam; Kallaste, Ants; Belahcen, Anouar 17th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral school of energy and geotechnology. III : Kuressaare, Estonia, January 15-20, 2018 2018 / p. 63-64 : ill http://ise.elnet.ee/record=b2950016~S2*est