

Advanced concepts integration for the compression of construction project schedule

Ševtšenko, Eduard; Zahharov, Roman; **Karaulova, Tatjana**; Wang, Y. DAAAM international scientific book 2008 2008 / p. 759-772 : ill https://www.daaam.info/Downloads/Pdfs/science_books_pdfs/2008/Sc_Book_2008-061.pdf

AI generated route data pre-processing for faster decision making

Maas, Rene; Ševtšenko, Eduard; **Karaulova, Tatjana** 2024 8th International Young Engineers Forum on Electrical and Computer Engineering (YEF-ECE) 2024 / p. 82-87 <https://doi.org/10.1109/YEF-ECE62614.2024.10625086>

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 of machine production processes by risk assessment approach

Mahmood, Kashif; **Ševtšenko, Eduard** Journal of machine engineering 2015 / p. 112-124 : ill

Application of component organized learning method for DIGSCM 4.0 hybrid courses

Ševtšenko, Eduard; Maas, Rene; **Karaulova, Tatjana**; Truver, Anna; Nikolajeva, Anna; Revals, Ritvars; Popell, Janek; Dembovska, Iveta; Samuolaitis, Mindaugas; Raupeliene, Asta Learning in the Age of Digital and Green Transition : proceedings of the 25th International Conference on Interactive Collaborative Learning (ICL2022), Volume 1 2023 / p. 157-170 https://doi.org/10.1007/978-3-031-26876-2_15 https://link.springer.com/chapter/10.1007/978-3-031-26876-2_15 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Architecture management approach for integration of small enterprises to collaborative network

Polyantchikov, Igor; Bangalore Srinivasa, Anoop; Veerana Naikod, Guruprakash; **Tara, Taavi**; **Kangilaski, Taivo**; **Ševtšenko, Eduard** 12th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Kuressaare, Estonia, June 11-16, 2012 2012 / p. 151-156 : ill

Attracting youth to the occupations in the food industry, agriculture and engineering : issues for policy and practice

Tandzegolskiene, Ilona; Tutlys, Vidmantas; **Ševtšenko, Eduard** ICERI 2018 : 11th International Conference of Education, Research and Innovation Seville (Spain) 12-14 November, 2018 : conference proceedings 2018 / p. 1637-1643 <http://dx.doi.org/10.21125/iceri.2018.1369>

Baltimaade ülikoolidelt kooliõpetajatele : materjalid insenerihariduse populariseerimiseks

Ševtšenko, Eduard Mente et Manu 2019 / lk. 42-45 : fot https://www.ester.ee/record=b1242496*est https://www.ttu.ee/public/m/mente-et-manu/MM_01_2019/mobile/index.html

Case study of decision making for collaborative network of SME-s

Ševtšenko, Eduard; **Karaulova, Tatjana** Proceedings of the 2007 Research Conference : IIE Annual Conference May 19-23, 2007, USA, Tennessee 2007 / ? p <https://www.proquest.com/openview/fda9dae13cb2eb3a747e7e19f35dbda9/1.pdf?pq-origsite=gscholar&cbl=51908>

Challenges and prospective of maintenance in SMEs Collaborative Network

Polyantchikov, Igor; **Pribytkova, Marina**; **Ševtšenko, Eduard** 9th International Symposium "Topical problems in the field of electrical and power engineering". Doctoral school of energy and geotechnology. II : Pärnu, Estonia, June 14-19, 2010 2010 / p. 126-130 : ill

Classification of supply chain practices according to customer values in automotive industry

Maleki, Meysam; **Liiv, Innar**; **Ševtšenko, Eduard**; Cruz-Machado, V. Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 542-547 : ill

Collaborative framework for virtual organisation

Polyantchikov, Igor; **Ševtšenko, Eduard** Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [III] 2010 / p. 398-403 : ill

Collaborative project management framework for partner network initiation

Ševtšenko, Eduard; **Poljantšikov, Igor**; **Mahmood, Kashif**; **Kangilaski, Taivo**; **Norta, Alexander** Procedia engineering 2015 / p. 159-168 : ill <http://dx.doi.org/10.1016/j.proeng.2015.01.354>

Collaborative project management framework for partner network initiation in machining domain [Online resource]

Ševtšenko, Eduard; **Polyantchikov, Igor**; **Mahmood, Kashif**; **Kangilaski, Taivo**; **Norta, Alexander**; **Karaulova, Tatjana**; Perm, Ardo Proceedings of the 18th Online World Conference on Soft Computing in Industrial Applications (WSC18) 2018 / p. 215-233 : ill https://doi.org/10.1007/978-3-030-00612-9_19 <https://link.springer.com/content/pdf/bfm%3A978-3-030-00612-9%2F1.pdf> [Conference proceedings at Scopus](#) [Article at Scopus](#)

Comparative analysis of customer value dimensions

Maleki, Meysam; **Ševtšenko, Eduard**; Cruz-Machado, Virgilio Inzinerine ekonomika = Engineering economics 2013 / p. 488-495

<https://inzeko.ktu.lt/index.php/EE/article/view/3241> <https://doi.org/10.5755/j01.ee.24.5.3241> [Journal metrics at Scopus](#) [Article at Scopus](#)
[Journal metrics at WOS](#) [Article at WOS](#)

Component organised learning method for digital supply chain hybrid courses

Murumaa, Lea; Ševtšenko, Eduard; Karaulova, Tatjana Mobility for Smart Cities and Regional Development - Challenges for Higher Education : proceedings of the 24th International Conference on Interactive Collaborative Learning (ICL2021). Vol. 1 2022 / p. 691-705 https://doi.org/10.1007/978-3-030-93904-5_69 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at Scopus](#)

Data mart with Lean six sigma concept for performance level assessment in knowledge management framework

Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana Proceedings of the 14th European Conference on Knowledge Management : Kaunas, Lithuania, 5-6 September 2013. Volume two 2013 / p. 932-941

Decision analysis in project management process

Kramarenko, Sergei; Ševtšenko, Eduard; Karaulova, Tatjana; Wang, Y. Journal of machine engineering 2008 / 2, p. 104-111

Decision support system for multi-project cash-flow management

Kramarenko, Sergei; Ševtšenko, Eduard Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 1111-1112 : ill <https://www.researchgate.net/publication/289455147> [Decision support system for multi-project cash-flow management](#)

Decision support under uncertainties based on robust Bayesian networks in reverse logistics management

Ševtšenko, Eduard; Wang, Yan International journal of computer applications in technology 2009 / 3/4, p. 247-258
<https://www.researchgate.net/publication/220171109> [Decision support under uncertainties based on robust Bayesian networks in reverse logistics management](#)

Design of reliable production route system

Karaulova, Tatjana; Pribytkova, Marina; Sahno, Jevgeni; Ševtšenko, Eduard Annals of DAAAM for 2011 & proceedings of the 22nd International DAAAM Symposium "Intelligent Manufacturing & Automation : Power of Knowledge and Creativity" : 23-26 November 2011, Vienna, Austria 2011 / p. 539-540 : ill
<https://www.researchgate.net/publication/283926103> [Design of reliable production route system](#)

Development of cyber-physical production systems based on modelling technologies

Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Proceedings of the Estonian Academy of Sciences 2019 / p. 348-355 : ill http://www.kirj.ee/32601/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.02> [Journal metrics at Scopus](#)
[Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of IDSS for collaborative network of production enterprises

Ševtšenko, Eduard; Karaulova, Tatjana; Küttner, Rein Proceedings of the 5th International Conference of DAAAM Baltic : Industrial Engineering - Adding Innovation Capacity of Labour Force and Entrepreneur : 20-22 April 2006, Tallinn, Estonia 2006 / p. 225-230 : ill

Development of supply chain integration model through application of analytic network process and bayesian network

Maleki, Meysam; Ševtšenko, Eduard; Cruz-Machado, Virgilio International journal of integrated supply management 2013 / p. 67-89
<https://doi.org/10.1504/IJISM.2013.055068> [Journal metrics at Scopus](#) [Article at Scopus](#)

Digitalisation of Supply Chain management system for customer quality service improvement

Ševtšenko, Eduard; Maas, Rene; Murumaa, Lea; Karaulova, Tatjana; Raji, Oluwole Ibrahim; Popell, Janek Journal of machine engineering 2022 / p. 78-90 : ill <https://doi.org/10.36897/jme/147803> [Journal metrics at Scopus](#) [Article at Scopus](#)

Dissemination of engineering education at schools and its adjustment to needs of enterprises

Ševtšenko, Eduard; Karaulova, Tatjana; Igavens, Maris; Kuts, Vladimir Annals of DAAAM for 2017 and proceedings of the 28th International DAAAM Symposium "Intelligent Manufacturing & Automation" : 8-11 November 2017, Zadar, Croatia 2017 / p. 44-53 : ill
<http://dx.doi.org/10.2507/28th.daaam.proceedings.006>

Do we need capabilities in our management system?

Kangilaski, Taivo; Ševtšenko, Eduard Journal of machine engineering 2017 / p. 88-100 : ill
http://www.not.pl/wydawnictwo/abstract_2017_en.html https://wydawnictwo.not.pl/2017JOM/V1/8_KANGILASKI.pdf [Journal metrics at Scopus](#)
[Article at Scopus](#)

Dynamic management framework for continuous improvement of production processes = Tootmisprotsesside pideva parenduse dünaamiline juhtimisraamistik

Sahno, Jevgeni 2015 https://www.ester.ee/record=b4484604*est

Dynamics of partner network

Kangilaski, Taivo; Ševtšenko, Eduard Proceedings : 2014 IEEE 23rd International Symposium on Industrial Electronics (ISIE) : Grand Cevahir Hotel and Convention Center, Istanbul, Turkey, 01-04 June, 2014 2014 / p. 105-110 : ill

Elaboration of framework for green and cost efficient package development for electronic industry

Ševtšenko, Eduard; Karaulova, Tatjana; Pohlak, Meelis; Mahmood, Kashif International Conference on Innovative Technologies : IN-TECH 2016 : Prague : proceedings 2016 / p. 239-242 : ill http://www.in-tech.info/download/INTECH_2016_proceedings.pdf

E-maintenance framework for the collaborative network of SME-s

Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard; Kangilaski, Taivo Annals of DAAAM for 2010 & proceedings of the 21st International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Interdisciplinary Solutions" : 20-23rd October 2010, Zadar, Croatia 2010 / p. 877-878: ill https://www.researchgate.net/publication/274318907_E-maintenance_framework_for_the_collaborative_network_of_SME-s

Enhancing the partner selection process in a Sustainable Partner Network

Ševtšenko, Eduard; Mahmood, Kashif; Karaulova, Tatjana IFAC-PapersOnLine 2019 / p. 2425-2430 : ill <https://doi.org/10.1016/j.ifacol.2019.11.570> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Enterprise architecture management-based framework for integration of SME to collaborative network

Polyantchikov, Igor; Bangalore Srinivasa, Anoop; Veerana Naikod, Guruprakash; Tara, Tarvi; Kangilaski, Taivo; Ševtšenko, Eduard Collaborative Networks in the Internet of Services : 13th IFIP WG 5.5 Working Conference on Virtual Enterprises, PRO-VE 2012, Bournemouth, UK, October 1-3, 2012 : proceedings 2012 / p. 158-165 https://link.springer.com/chapter/10.1007/978-3-642-32775-9_16

Fractal approach for manufacturing project management

Karaulova, Tatjana; Poljantšikov, Igor; Ševtšenko, Eduard; Kramarenko, Sergei Mechanika 2014 / p. 352-359 : ill <https://doi.org/10.5755/j01.mech.20.3.6755> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Framework for continuous improvement of production processes

Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana; Tahera, Khadija Inžinerine ekonomika = Engineering economics 2015 / p. 169-180 : ill <http://dx.doi.org/10.5755/j01.ee.26.2.6969>

Framework for continuous improvement of production processes and product throughput

Sahno, Jevgeni; Ševtšenko, Eduard; Zahharov, Roman Procedia engineering 2015 / p. 511-519 : ill <http://dx.doi.org/10.1016/j.proeng.2015.01.398>

IDSS as a tool for project management in a collaborative network of SME-s

Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of machine engineering 2007 / 2, p. 96-104

IDSS used as a framework for collaborative projects in conglomerate enterprises

Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of achievements in materials and manufacturing engineering 2007 / 1, p. 89-92 : ill https://www.researchgate.net/publication/40784153_IDSS_used_as_a_framework_for_collaborative_projects_in_conglomerate_enterprises

Implementing interdisciplinarity in career guidance : guidebook for career counselors : Rezekne, Tallinn, Kaunas 2019

2019 https://www.rta.lv/uploads/source/projects/citi%20projekti/2019/Handbook_%20EE.pdf
https://www.researchgate.net/publication/336944607_Disaini_tehnoloogia_ja_majanduse_erialadevaheliste_pohimotete_rakendamise_karjaarino_ustamise_kasiraamat
https://www.researchgate.net/publication/336944824_Karjeras_konsultantu_rokasgramata_dizaina_tehnologiju_un_ekonomikas_starpdisciplinari_ates_istenosanai https://www.ester.ee/record=b5188148*est

Implementing interdisciplinarity in career guidance for secondary school students in forestry and wood, metal and machinery, agriculture and food sectors of industry

Ševtšenko, Eduard; Karaulova, Tatjana; Igavens, Maris; Kuts, Vladimir Holistinis mokymasis = Holistic learning 2017 / p. 53-61 <https://doi.org/10.7220/2351-7409.3.5>

Industry 4.0 technologies as enablers of Lean and Agile Supply Chain Strategies : an exploratory investigation

Raji, Ibrahim; Ševtšenko, Eduard; Rossi, Tommaso; Strozzi, Fernanda The international journal of logistics management 2021 / p. 1150-1189 : ill <https://doi.org/10.1108/IJLM-04-2020-0157> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Innovative common study block framework for joined collaborative curriculums development

Ševtšenko, Eduard; Nõuakas, Kati; Murumaa, Lea; Kallas, Oliver; Karaulova, Tatjana Educating Engineers for Future Industrial Revolutions : Proceedings of the 23rd International Conference on Interactive Collaborative Learning (ICL2020). Volume 1 2021 / p. 30-41 https://doi.org/10.1007/978-3-030-68198-2_3 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Innovative management and implementation of applied research project "Green Cost-Efficient Package Selection"

Ševtšenko, Eduard; Karaulova, Tatjana; Pohlak, Meelis; Mahmood, Kashif; Tamm, Martin; Leht, Kaupo Case study of innovative projects : successful real cases 2017 / p. 143-168 : ill <http://dx.doi.org/10.5772/67541>

Innovative methods of engineering education popularization at schools

Ševtšenko, Eduard; Karaulova, Tatjana; Igavens, Maris; Strods, Gunars; **Mahmood, Kashif** Proceedings of the Estonian Academy of Sciences 2019 / p. 356-363 : ill http://www.kirj.ee/32591/?tpl=1061&c_tpl=1064 <https://doi.org/10.3176/proc.2019.4.01> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Integrated CAD/ERP framework for modular construction industrialization through lean manufacturing concepts

Zahharov, Roman; Ševtšenko, Eduard; **Karaulova, Tatjana** Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 591-592 : ill
https://www.researchgate.net/publication/274320146_Integrated_CADERP_framework_for_modular_construction_industrialization_through_lean_manufacturing_concepts

Intelligent decision support system

Ševtšenko, Eduard; Karaulova, Tatjana; Küttner, Rein 50. Internationales Wissenschaftliches Kolloquium : 19.-23.09.2005 : Mechanical Engineering from Macro to Nano : [proceedings] 2005 / p. 549-550 : ill

Intelligent decision support system as a tool for decision support in collaborative network of SME

Ševtšenko, Eduard; Karaulova, Tatjana; Küttner, Rein Conference program : IIE Annual Conference : May 20-24, 2006, Orlando, Florida 2006 / p. 132
https://www.researchgate.net/publication/287052617_Intelligent_decision_support_system_as_a_tool_for_decision_support_in_collaborative_network_of_SME

Intelligent decision support system for industrial enterprises : collaboration in the enterprise networks

Ševtšenko, Eduard 2010

Intelligent decision support system for the network of collaborative SME-s = Intellektuaalne otsuste toetamise süsteem väikeste ja keskmiste ettevõtete koostöövõrgustikule

Ševtšenko, Eduard 2007 https://www.ester.ee/record=b2350257*est

Intelligent system for engineering and production planning for collaborative SME-s

Ševtšenko, Eduard; Küttner, Rein 7th International Conference on Computer Integrated Manufacturing : Intelligent Manufacturing Systems 2005 / p. 246-253 : ill

Knowledge management for network of enterprises

Karaulova, Tatjana; Kramarenko, Sergei; Ševtšenko, Eduard Annals of DAAAM for 2006 & proceedings of the 17th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Mechatronics and Robotics" : 8-11th November 2006, Vienna, Austria 2006 / p. 197-198

Knowledge management framework for production route selection in manufacturing enterprises

Sahno, Jevgeni; Öpik, Rain; Kostina, Marina; **Paavel, Marko; Ševtšenko, Eduard;** Wang, Yan Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 567-572 : ill

Knowledge management framework for six sigma performance level assessment

Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana Advances in information systems and technologies 2013 / p. 255-267
https://doi.org/10.1007/978-3-642-36981-0_25 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Koostöö raamistik ühiste õppemoodulite arendamiseks koostöös ettevõtjatega ning väliskõrgkoolidega [Võrguväljaanne]

Nõuakas, Kati; **Ševtšenko, Eduard;** Kallas, Oliver; Murumaa, Lea Tallinna Tehnikakõrgkooli Toimetised 2020 / Lk. 22-27
https://issuu.com/ttkk8/docs/ttkkoppejoududetoimetised_26_2020_vol1

Lean automation for low-volume manufacturing environment

Karaulova, Tatjana; Andronnikov, Konstantin; **Mahmood, Kashif; Ševtšenko, Eduard** Proceedings of the 30th International DAAAM Symposium : Intelligent Manufacturing & Automation, 23-26th October 2019, Zadar, Croatia 2019 / p. 0059-0068 : ill
<https://doi.org/10.2507/30th.daaam.proceedings.008>

Logbuild - CAD/CAM system for log houses

Portjanski, Leonid; Nekrassov, Grigori; Zahharov, Roman; **Ševtšenko, Eduard** Mechanika 2010 / 6, p. 58-65 : ill
https://www.researchgate.net/publication/229034917_Logbuild-CADCAM_system_for_log_houses

Manufacturing project management in the conglomerate enterprises supported by IDSS

Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of achievements in materials and manufacturing engineering 2009 / 1, p. 94-102 : ill
https://www.researchgate.net/publication/306430743_Manufacturing_project_management_in_the_conglomerate_enterprises_supported_by_IDSS

Manufacturing projects cash-flow dynamics and risk management

Ševtšenko, Eduard; Karaulova, Tatjana; Kramarenko, Sergei; Wang, Y. Journal of machine engineering 2009 / 1, p. 91-102
<https://bibliotekanauki.pl/articles/971240>

Model based enterprise manufacturing capacity definition and product cost estimation for SME

Sahno, Jevgeni; Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard Journal of machine engineering 2011 / p. 23-34

Modelling the relationship of digital technologies with lean and agile strategies

Raji, Ibrahim; **Ševtšenko, Eduard**; Rossi, Tommaso; Strozzi, Fernanda Supply Chain Forum: an International Journal 2021 / p. 323-346 <https://doi.org/10.1080/16258312.2021.1925583> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

MRP systems research

Ševtšenko, Eduard Proceedings of the 4th International Conference Industrial Engineering - New Challenges to SME : 29-30 April 2004, Tallinn, Estonia 2004 / p. 283-286 : ill

Multitier digital twin approach for agile supply chain management

Ševtšenko, Eduard; Mahmood, Kashif; Karaulova, Tatjana; Raji, Oluwole Ibrahim ASME 2020 : International Mechanical Engineering Congress and Exposition, November 16-19, 2020 : Virtual, Online : proceedings 2020 / Paper No: IMECE2020-23760, 10 p <https://doi.org/10.1115/IMECE2020-23760>

Partner Network and its process management

Kangilaski, Taivo; Poljantšikov, Igor; Ševtšenko, Eduard ICINCO 2013 : proceedings of the 10th International Conference on Informatics in Control, Automation and Robotics : Reykjavik, Iceland, 29-31 July, 2013. Vol. 2 2013 / p. 519-527

Partner selection criteria for virtual organization forming

Polyantchikov, Igor; Ševtšenko, Eduard Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 163-168 : ill

Partners selection tool for virtual enterprise in SMEs network = Partnerite valiku meetodika virtuaalettevõtetele VKE-de võrgustikus

Poljantšikov, Igor 2016 https://www.ester.ee/record=b4576966*est

Performance analysis of a flexible manufacturing system (FMS)

Mahmood, Kashif; Karaulova, Tatjana; Otto, Tauno; Ševtšenko, Eduard Procedia CIRP 2017 / p. 424-429 : ill <https://doi.org/10.1016/j.procir.2017.03.123> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Performance evaluation by using overall equipment effectiveness (OEE) : an analyzing tool

Mahmood, Kashif; Otto, Tauno; Ševtšenko, Eduard; Karaulova, Tatjana International Conference on Innovative Technologies : IN-TECH 2016 : Prague : proceedings 2016 / p. 185-188 : ill http://www.in-tech.info/download/INTECH_2016_proceedings.pdf

Physics based compressive sensing to enable digital twins of additive manufacturing processes

Lu, Yanglong; **Ševtšenko, Eduard**; Wang, Yan Journal of computing and information science in engineering 2021 / 031009, 30 p <https://doi.org/10.1115/1.4050377> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Preparation and estimation methods for transformation Small enterprises to Medium-size

Sahno, Jevgeni; Polyantchikov, Igor; Pribytkova, Marina; Ševtšenko, Eduard 10th International Symposium "Topical Problems in the Field of Electrical and Power Engineering". Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 10-15, 2011 2011 / p. 197-202 : ill

Productivity improvement by implementing lean production approach

Mahmood, Kashif; Ševtšenko, Eduard Proceedings of the 10th International Conference of DAAAM Baltic Industrial Engineering, 12-13th May 2015, Tallinn, Estonia 2015 / p. 45-51 : ill

Quality improvement methodologies for continuous improvement of production processes and product quality and their evolution

Sahno, Jevgeni; Ševtšenko, Eduard Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 181-186 : ill

Ranking strategic objectives in a strategy map based on logarithmic fuzzy preference programming and similarity method

Safari, Hossein; Khanmohammadi, Ehsan; Maleki, Meysam; Cruz-Machado, Virgilio; **Ševtšenko, Eduard** Management Systems in Production Engineering 2019 / p. 153-161 : ill <https://doi.org/10.1515/mspe-2019-0025> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Reliability analysis module development for production route elaboration

Pribytkova, Marina; Sahno, Jevgeni; Karaulova, Tatjana; Ševtšenko, Eduard; Maleki, Meysam; Cruz-Machado, V. Proceedings of the Ninth International Symposium on Tools and Methods of Competitive Engineering - TMCE 2012 : May 7-11, 2012, Karlsruhe, Germany 2012 / p. 1013-1026

Reliability assessment of manufacturing processes

Karaulova, Tatjana; Kostina, Marina; Ševtšenko, Eduard International journal of industrial engineering and management 2012 / p. 143-151 https://www.researchgate.net/publication/289158975_Reliability_assessment_of_manufacturing_processes

Reliability management approach for a virtual enterprise of SMEs in a manufacturing domain = Usaldusväärsuse juhtimise raamistik tootmisvaldkonna väikese ja keskmise suurusega virtuaalettevõtetele

Mahmood, Kashif 2019 <https://digi.lib.ttu.ee/i/?11235>

Reorganisation of production system on SME enterprises

Karaulova, Tatjana; Ševtšenko, Eduard; Polyantchikov, Igor; Sahnö, Jevgeni Annals of DAAAM for 2009 & proceedings of the 20th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Theory, Practice and Education" : 25-28th November 2009, Vienna, Austria 2009 / p. 869-870 : ill

Risk assessment approach for a virtual enterprise of small and medium-sized enterprises

Mahmood, Kashif; Ševtšenko, Eduard; Karaulova, Tatjana; Otto, Tauno Proceedings of the Estonian Academy of Sciences 2018 / p. 17-27 : ill <https://doi.org/10.3176/proc.2017.4.27> http://www.ester.ee/record=b2355998*est [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Risk assessment method for partner network of SMEs

Mahmood, Kashif; Ševtšenko, Eduard 16th International Symposium "Topical Problems in the Field of Electrical and Power Engineering. Doctoral School of Energy and Geotechnology III" : Pärnu, Estonia, January 16-21, 2017 2017 / p. 184-188 : ill http://www.ester.ee/record=b4650094*est

Risk factors in project management life cycle

Karaulova, Tatjana; Kramarenko, Sergei; Ševtšenko, Eduard Proceedings of the 6th International Conference of DAAAM Baltic "Industrial Engineering" : 24-26th April 2008, Tallinn, Estonia. [2] 2008 / p. 327-332 : ill https://www.researchgate.net/publication/325194647_RISK_FACTORS_IN_PROJECT_MANAGEMENT_LIFE_CYCLE

SMEs collaborative networks concept of its establishment

Poljantšikov, Igor; Ševtšenko, Eduard 14th International Symposium "Topical problems in the field of electrical and power engineering. Doctoral school of energy and geotechnology. II" : Pärnu, Estonia, January 13-18, 2014 2014 / p. 241-247 : ill

Supply chain digitalization framework for service/product satisfaction

Murumaa, Lea; Ševtšenko, Eduard; Karaulova, Tatjana; Mahmood, Kashif; Popell, Janek IOP conference series : materials science and engineering 2021 / art. 012041, p. 1–12 <https://doi.org/10.1088/1757-899x/1140/1/012041>

Sustainable design of material handling equipment : a win-win approach for manufacturers and customers

Ševtšenko, Eduard; Bashkite, V.; Maleki, Meysam; Wang, Yan Mechanika 2012 / p. 561-568 : ill <https://mechanika.ktu.lt/index.php/Mech/article/view/2703>

Tarneahela digitaliseerimine kui juhi töövahend

Ševtšenko, Eduard Director. Inseneeria 2020 / lk. 74-77 : fot http://www.ester.ee/record=b2336521*est <https://director.ee/2020/10/28/tarneahela-digitaliseerimine-kui-juhi-toovahend/>

Troubleshooting process analysis and development of application for decision making enhancement

Mahmood, Kashif; Ševtšenko, Eduard; Karaulova, Tatjana; Branten, Eva; Maleki, Meysam 26th DAAAM International Symposium on Intelligent Manufacturing and Automation 2015 (DAAAM 2015) : Zadar, Croatia, 21-24 October 2015. Volume 1 2016 / p. 0663-0671 : ill <http://dx.doi.org/10.2507/26th.daaam.proceedings.090>

Using of multi-agents in an intelligent decision support system for collaborative SME-s

Ševtšenko, Eduard; Küttner, Rein; Karaulova, Tatjana NordPLM'06 : proceedings of the 1st Nordic Conference on Product Lifecycle Management : January 25-26 2006, Göteborg 2006 / p. 123-134 : ill https://www.researchgate.net/publication/274316907_Using_of_Multi-Agents_in_Intelligent_Decision_Support_System_for_Collaborative_SME-s

Web-environment elaboration for working with ISO 9001 documents at a production enterprise

Polyantchikov, Igor; Karaulova, Tatjana; Ševtšenko, Eduard; Kangilaski, Taivo; Netribiitšuk, Vitali 13th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 14-19, 2013 2013 / p. 304-311 : ill

Virtual enterprise formation in the context of a sustainable partner network

Poliantšikov, Igor; Ševtšenko, Eduard; Karaulova, Tatjana; Kangilaski, Taivo; Camarinha-Matos, Luis M. Industrial management & data systems 2017 / p. 1446-1468 : ill <https://doi.org/10.1108/IMDS-07-2016-0274> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Work-cells concept development for high mix low volume market conditions

