

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 first waste-to-energy plant production line at Kunda Nordic Cement AS

Jõgi, Genrietta; Baškite, Viktoria; Karaulova, Tatjana Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 358-363 : 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](#)

Case studies of the proposed modelling and simulation methodology

Karaulova, Tatjana; Papstel, Jüri DAAAM international scientific book 2004 2004 / p. 303-312 : ill

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>

Case study of project management process improvement

Kramarenko, Sergei; Karaulova, Tatjana 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. 209-210

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](#)

Combination of end-of-life strategies for extension of industrial equipment life cycle

Baškite, Viktoria; Moseichuk, Vadim; Karaulova, Tatjana Journal of machine engineering 2010 / 4, p. 76-88
<https://yadda.icm.edu.pl/baztech/element/bwmeta1.element.baztech-38f91b00-4a00-42c5-ab4e-089e3d5bea84>

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](#)

Criteria of management process estimation

Kramarenko, Sergei; Karaulova, Tatjana 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. 207-212 : ill

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
https://www.researchgate.net/publication/291974878_Data_Mart_with_Lean_Six_Sigma_Concept_for_Performance_Level_Assessment_in_Knowledge_Management_Framework

Database of an intelligent advisory system

Karaulova, Tatjana Proceedings of the First National DAAAM Conference in Estonia : Science '95 1996 / p. 19-23

Database of an intelligent advisory system and its applications

Karaulova, Tatjana Proceedings of the Second National DAAAM Conference in Estonia : Science'96 1997 / p. 38-44: ill

Decision analysis in project management process

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

Decision-making framework for used industrial equipment

Karaulova, Tatjana; Bashkite, Viktoria Engineering Economics 2016 / p. 23 - 31 <https://doi.org/10.5755/j01.ee.27.1.8618> [Journal metrics at Scopus](#) [article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

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

Otsustustehnoloogia arendus kasutatud tööstusseadmete elutsükli hindamiseks ja parendamiseks

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

Design of experiments for processes reliability management

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana 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. 203-208 : ill

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 database of business processes for SME on the base of quality system

Karaulova, Tatjana; Otto, Tauno Annals of DAAAM for 2005 & proceedings of the 16th International DAAAM Symposium "Intelligent Manufacturing & Automation : Focus on Young Researches and Scientists" : 19-22nd October 2005, Opatija, Croatia 2005 / p. 179-180 : ill <https://www.thefreelibrary.com/Development+of+database+of+business+processes+for+SME+on+the+base+of...-a0176688336>

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 SCOR database for digitalisation of supply chain customer feedback analysis

Maas, Rene; Karaulova, Tatjana; Shevtshenko, Eduard; Popell, Janek; Raji, Ibrahim Oluwole Engineering economics 2023 / p. 439-455 : ill <https://doi.org/10.5755/j01.ee.34.4.31618> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Development of the modelling tool for the analysis of the production process and its entities for SME

Karaulova, Tatjana 2004

Development the maintenance plan: maintenance activities on operational level

Bjorklund, Sergey; Pribytkova, Marina; Karaulova, Tatjana Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 286-291

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](#)

DIGSM 4.0 curriculum lifecycle based on component organised learning method

Ševtšenko, Eduard; Maas, Rene; **Karaulova, Tatjana; Truver, Anna;** Dembovska Iveta 14th International Scientific and Practical Conference on Environment, Technology and Resources 2023 : Rēzekne, Latvia, 15-18 June 2023 ; Volume 2 2023 / p. 203-208
<https://doi.org/10.17770/etr2023vol2.7311> <https://conferences.rta.lv/index.php/ETR/ETR2023/paper/view/5670>

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>

Education for sustainable development

Shevtshenko, Eduard; Karaulova, Tatjana; Truver, Anna; Maas, Rene; Golubeva, Kertily Futureproofing Engineering Education for Global Responsibility : Proceedings of the 27th International Conference on Interactive Collaborative Learning (ICL 2024) ; vol. 3 2025 / p. 60-72 https://doi.org/10.1007/978-3-031-83523-0_6

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

Elaboration of tool for production process reliability evaluation in machinery industry

Kostina, Marina; Karaulova, Tatjana 11th International Symposium "Topical Problems in the Field of Electrical and Power Engineering." Doctoral School of Energy and Geotechnology II : Pärnu, Estonia, January 16-21, 2012 2012 / p. 263-268 : ill

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](#)

Fault analysis of manufacturing systems as additional constraint by simulation

Karaulova, Tatjana; Papstel, Jüri DAAAM international scientific book 2003 2003 / p. 295-304 : ill

Fault analysis of manufacturing systems as additional constraint by simulation

Karaulova, Tatjana; Papstel, Jüri International journal of simulation modelling 2003 / 1/2, p. 5-13 : ill

Fault tree generation from the process

Karaulova, Tatjana; Papstel, Jüri Annals of DAAAM for 2004 & proceedings of the 15th International DAAAM Symposium "Intelligent Manufacturing & Automation : Globalisation - Technology - Men - Nature" : 3-6th November 2004, Vienna, Austria 2004 / p. 199-200 : ill

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](#)

Fractal approach for multiple project management in manufacturing enterprises = Fraktaalne lähenemine multiprojekti juhtimisel tööstusettevõtetes

Kramarenko, Sergei 2010 https://www.ester.ee/record=b2653687*est

Framework for continuous improvement of production processes

Sahno, Jevgeni; Ševtšenko, Eduard; Karaulova, Tatjana; Tahera, Khadija Inžinerine ekonomika = Engineering economics 2015 / p. 169-180 : ill <https://doi.org/10.5755/j01.ee.26.2.6969> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Framework for innovation-oriented product end-of-life strategies development

Baškite, Viktoria; Karaulova, Tatjana; Starodubtseva, Olesja Procedia engineering 2014 / p. 526-535 : ill

Framework for innovation-oriented product end-of-life strategies development

Baškite, Viktoria; Karaulova, Tatjana; Starodubtseva, Olesja Procedia engineering 2014 / p. 526-535 : ill
<https://www.sciencedirect.com/science/article/pii/S1877705814002689> <https://doi.org/10.1016/j.proeng.2014.03.022> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Framework of reliability estimation for manufacturing processes

Karaulova, Tatjana; Kostina, Marina; Sahno, Jevgeni Mechanika 2012 / p. 713-720 : ill
<https://mechanika.ktu.lt/index.php/Mech/article/view/3168>

From industry-university cooperation to research brokering in Estonia

Zahharov, Roman; Karaulova, Tatjana; Otto, Tauno; Boccato, Giorgio The innovation competence broker : bridging firms and R&D institutions 2012 / p. 67-82 : ill https://www.ester.ee/record=b2884623*est

Function model as a base for manufacturing system study

Karaulova, Tatjana DAAAM International scientific book 2005 2005 / p. 313-322 : ill

Green aspects application in product life cycle engineering

Baškite, Viktoria; Moseichuk, Vadim; Zahharov, Roman; Karaulova, Tatjana 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. 111-116 : ill

Green framework development for used industrial equipment

Baškite, Viktoria; Karaulova, Tatjana Proceedings of the 9th International Conference of DAAAM Baltic Industrial Engineering, 24-26th April 2014, Tallinn, Estonia 2014 / p. 79-84 : ill

Green framework development for used industrial equipment life cycle assessment and extension = Rohetehnoloogia arendus kasutatud tööstusseadmete elutsükli hindamiseks ja pikendamiseks

Baškite, Viktoria 2014 http://www.ester.ee/record=b3049396*est

IDEF as a tool for the solution of technological problems

Karaulova, Tatjana; Papstel, Jüri Proceedings of the 2nd International Conference, 27-29th April 2000, Tallinn, Estonia / DAAAM International Vienna, DAAAM National Estonia 2000 / p. 113-117 : ill

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_starpdisciplinarites_istenosana 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>

Improvement of business process for SME on the basis of quality system

Karaulova, Tatjana; Otto, Tauno DAAAM International Scientific Book 2006 2006 / p. 329-340 [https://go.gale.com/ps/i.do?](https://go.gale.com/ps/i.do?id=GALE%7CA178715977&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269687&p=AONE&sw=w&userGroupName=anon%7E5dad6b6a&aty=open-web-entry)

[id=GALE%7CA178715977&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269687&p=AONE&sw=w&userGroupName=anon%7E5dad6b6a&aty=open-web-entry](https://go.gale.com/ps/i.do?id=GALE%7CA178715977&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269687&p=AONE&sw=w&userGroupName=anon%7E5dad6b6a&aty=open-web-entry)

Industrial building life cycle extension through concept of modular construction

Zahharov, Roman; Baškite, Viktoria; Karaulova, Tatjana; Miina, Aleksandr 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. 805-806 : ill [https://go.gale.com/ps/i.do?](https://go.gale.com/ps/i.do?id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry)

[id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry](https://go.gale.com/ps/i.do?id=GALE%7CA246013968&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7Ed149210a&aty=open-web-entry)

Influence of variability on a reliable production process

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana 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. 329-330 : ill

<https://www.semanticscholar.org/paper/INFLUENCE-OF-VARIABILITY-ON-A-RELIABLE-PRODUCTION/535ad081c795a15397ec3e9877d0a83f9ff2fa6d>

Information provision of an intelligent advisory system

Karaulova, Tatjana; Papstel, Jüri International DAAAM : [DAAAM National Estonia] : proceedings of the 1st International Conference, 25-27th September 1997, Tallinn, Estonia 1997 / p. 55-58: ill

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

Integrated methodology for the estimation of manufacturing systems performance

Karaulova, Tatjana; Papstel, Jüri Machine engineering 2003 / 1/2, Manufacturing flexibility design and development, p. 106-115 : ill

Integration of green thinking into Lean fundamentals by theory of inventive problems-solving tools

Baškite, Viktoria; Karaulova, Tatjana Annals of DAAAM for 2012 & Proceedings of the 23rd International DAAAM Symposium : Intelligent Manufacturing & Automation 2012 / p. 0345-0350 : ill. [CD-ROM]

https://www.researchgate.net/publication/286978728_Integration_of_green_thinking_into_lean_fundamentals_by_theory_of_inventive_problems-solving_tools

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

Knowledge based manufacturing systems

Baškite, Viktoria; Moseichuk, Vadim; Karaulova, Tatjana Journal of machine engineering 2009 / 4, p. 94-106

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 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](#)

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>

Life cycle extension for used vehicles and their environmental impact

Baškite, Viktoria; Durmanenko, Dmitri; Karaulova, Tatjana Proceedings of the 8th International Conference of DAAAM Baltic Industrial Engineering, 19-21st April 2012, Tallinn, Estonia. 2 2012 / p. 401-406 : ill

Lifecycle extension for industrial equipment

Moseichuk, Vadim; Baškite, Viktoria; Karaulova, Tatjana Proceedings of the 7th International Conference of DAAAM Baltic Industrial Engineering : 22-24th April 2010, Tallinn, Estonia. [II] 2010 / p. 364-369 : ill

Machine cell modeling and monitoring

Karaulova, Tatjana; Papstel, Jüri; Otto, Tauno Proceedings of the 3rd International Conference Industrial Engineering - New Challenges to SME : 25-27 April 2002, Tallinn, Estonia 2002 / p. 92-95 : ill

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_IDS

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>

Modelling tool for the analysis of the production process for SME

Karaulova, Tatjana; Papstel, Jüri Proceedings of the 14th International DAAAM Symposium, Bosnia-Herzegovina 2003 / p. 201-202

Modelowanie jednostek środowiska produkcyjnego w inteligentnych systemach wytwarzania

Papstel, Jüri; Karaulova, Tatjana; Saks, Alo Symulacja procesu wytwarzania i inżynieria wspólna 1998 / p. 57-67

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>

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

Problems of manufacturing environment modelling in intelligent manufacturing systems

Papstel, Jüri; Karaulova, Tatjana; Saks, Alo Manufacturing simulation for industrial use : IX Workshop on Supervising and Diagnostics of Machining Systems, Karpacz, Poland, March 22-27, 1998 1998 / p. 14-21 : ill

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 https://www.researchgate.net/publication/282325033_Reliability_analysis_module_development_for_production_route_elaboration

Reliability analysis of dynamically loaded systems

Karaulova, Tatjana; Preis, Irina; Marquis, G. Annals of DAAAM for 2007 & proceedings of the 18th International DAAAM Symposium "Intelligent Manufacturing & Automation" : October 2007, Zadar, Croatia 2007 / p. 367-368 <https://go.gale.com/ps/i.do?id=GALE%7CA177174647&sid=googleScholar&v=2.1&it=r&linkaccess=abs&issn=17269679&p=AONE&sw=w&userGroupName=anon%7E1d908e25&aty=open-web-entry>

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 estimation for manufacturing processes

Kostina, Marina; Karaulova, Tatjana; Sahno, Jevgeni; Maleki, Meysam Journal of achievements in materials and manufacturing engineering 2012 / p. 7-13 : ill https://www.researchgate.net/publication/289158975_Reliability_assessment_of_manufacturing_processes

Reliability management of manufacturing processes in machinery enterprises = Tootmisprotsesside usaldusväärsuse haldamine masinaehituse ettevõtetes

Kostina, Marina 2012 https://www.ester.ee/record=b2896156*est

Reliability prediction for man-machine production lines

Karaulova, Tatjana; Pribytkova, Marina DAAAM International Scientific Book 2009 2009 / p. 487-500 <https://go.gale.com/ps/i.do?id=GALE%7CA224335557&sid=googleScholar&v=2.1&it=r&linkaccess=fulltext&issn=17269687&p=AONE&sw=w&userGroupName=anon%7E51d564e8&aty=open-web-entry>

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 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

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

Statistical process control for production process reliability management

Pribytkova, Marina; Polyantchikov, Igor; Karaulova, Tatjana 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. 134-137 : ill

STEP-implementation in manufacturing environment

Karaulova, Tatjana; Papstel, Jüri Proceedings of the Third National DAAAM Conference in Estonia : SCIENCE '98 1998 / p. 80-84: 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>

Supply chain quality improvement based on customer compliance

Maas, Rene; Shevtshenko, Eduard; Karaulova, Tatjana Technological Innovation for Connected Cyber Physical Spaces : 14th IFIP WG 5.5/SOCOLNET Doctoral Conference on Computing, Electrical and Industrial Systems, DoCEIS 2023, Caparica, Portugal, July 5–7, 2023 : proceedings 2023 / p. 230 - 242 https://doi.org/10.1007/978-3-031-36007-7_17 [Conference Proceedings at Scopus Article at Scopus](#)

Tool development for strategy selection for used industrial equipment

Karaulova, Tatjana; Baškite, Viktorija MECHANIKA 2017 : proceedings of the 22nd International Scientific Conference : 19 May 2017, Kaunas University of Technology, Lithuania 2017 / p. 171-176 : ill

Tool for analysis of production processes : integration of structural analysis methods and reliability estimation for manufacturing processes

Karaulova, Tatjana 2010 <https://www.abebooks.co.uk/products/isbn/9783639285970>

Tool for modeling technological knowledge

Papstel, Jüri; Karaulova, Tatjana; Saks, Alo Proceedings of the 11th International DAAAM Symposium : Intelligent Manufacturing & Automation : Man - Machine - Nature 2000 / p. 353-354

Tool material selection by agile manufacturing in SME

Karaulova, Tatjana; Papstel, Jüri Annals of DAAAM for 2001 & proceedings of the 12th International DAAAM Symposium 2001 / p. 211-212 : ill

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>

Tunne kolleegi. Rein Küttner : [intervjuu Rein Küttneriga]

Küttner, Rein; Kübarsepp, Jakob; Kulu, Priit; Karaulova, Tatjana Avaja 2003 / lk. 6 : portr

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

Waste management : energy recovery from solid waste

Jõgi, Genrietta; Baškite, Viktorija; Karaulova, Tatjana 8th International Symposium "Topical Problems in the Field of Electrical and Power Engineering" : Doctoral School of Energy and Geotechnology. II : [Pärnu, January 11-16, 2010 : proceedings] 2010 / p. 250-255 : ill

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

Karaulova, Tatjana; Ševtšenko, Eduard Procedia engineering 2015 / p. 90-99 : ill <https://doi.org/10.1016/j.proeng.2015.01.346> [Conference proceedings at Scopus Article at Scopus Article at WOS](#)

Машиностроение

Grossschmidt, Gunnar; Küttner, Rein; Karaulova, Tatjana; Mesila, Rein; Eljas, Olev; Nekrassov, Grigori; Portjanski, Leonid; Anvelt, Juhan; Papstel, Jüri; Tamm, Ants; Jutman, Valentin; Kannelmäe, Ülo 1984 https://www.ester.ee/record=b1402200*est

Машиностроение

Grossschmidt, Gunnar; Küttner, Rein; Karaulova, Tatjana; Eljas, Olev; Nekrassov, Grigori; Štšeglov, Nikolai; Štšerbakov, Aleksandr; Mesila, Rein; Tamm, Ants; Jutman, Valentin; Jürves, Eerik; Kimmel, Andres; Slavin, Mark; Zaltsman, L.I.; Stepanov, Viktor 1985 https://www.ester.ee/record=b1302673*est

Об автоматизации проектирования технологических процессов на ПЭВМ

Karaulova, Tatjana; Portjanski, Leonid Tallinna Tehnikaülikooli Toimetised 1991 / lk. 36-42: ill

Описание моделей понятий и объектов предметной области нормативно-справочной информации

Karaulova, Tatjana; Eljas, Olev Автоматизация технологического проектирования процессов механической обработки 1985 / с. 13-19

Описание моделей понятий и объектов предметной области нормативно-справочной информации

Karaulova, Tatjana; Mesila, Rein; Elias, Olev Базовые программные средства САПР-ТП : тезисы докладов республиканского семинара 1987 / с. 7-8 https://www.ester.ee/record=b1355309*est

Описание проблемной области средств технологического оснащения САПР-ТП

Karaulova, Tatjana; Mesila, Rein; Eljas, Olev Автоматизация технологического проектирования процессов механической обработки 1984 / с. 27-32