

An integrated platform for blended learning in engineering education

Makarova, Irina; Shubenkova, Ksenia; Tikhonov, Danila; **Pashkevich, Anton** Proceedings of the 9th International Conference on Computer Supported Education (CSEDU 2017) : April 21-23, 2017, in Porto, Portugal. Volume 2 2017 / p. 171-176 : ill <http://dx.doi.org/10.5220/0006375601710176>

Application of simulation modeling to improve management of technological processes during production of automotive components

Khabibullin, Rifat; Makarova, Irina; **Pashkevich, Anton**; Mavrin, Vadim; Shubenkova, Ksenia 17th Mechatronika 2016 : proceedings of the 2016 17th International Conference on Mechatronics - Mechatronika (ME) 2016 : Prague, Czech Republic, December 7-9, 2016 2016 / p. 43-49 : ill <http://ieeexplore.ieee.org/document/7827791/>

Blockchain technology on the way of autonomous vehicles development

Narbayev, Saltanat; Bakibayev, Timur; Abeshev, Kuanysh; Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** Transportation research procedia 2020 / p. 168–175 <https://doi.org/10.1016/j.trpro.2020.02.024> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Changes in engineering education in the transition to a digital society

Makarova, Irina; Boyko, Aleksey; Giniyatullin, Ilmur; **Pashkevich, Anton**; Mukhametdinov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257231>

Development of a monitoring system on environment and human health to control a smart bike

Makarova, Irina; Boyko, Aleksey; **Pashkevich, Anton**; Tsybunov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257239>

Digitalization of education as a new destination of e-learning

Makarova, Irina; Shubenkova, Ksenia; Bagateeva, Angelina; **Pashkevich, Anton** Proceedings of ELMAR-2018 : 60th International Symposium ELMAR-2018 : 16-19 September 2018, Zadar, Croatia 2018 / p. 31-34 : ill <http://doi.org/10.23919/ELMAR.2018.8534662>

Digitalization of engineering education : from e-learning to smart education

Makarova, Irina; Shubenkova, Ksenia; **Antov, Dago**; **Pashkevich, Anton** Smart Industry & Smart Education : proceedings of the 15th International Conference on Remote Engineering and Virtual Instrumentation 2019 / p. 32–41 https://doi.org/10.1007/978-3-319-95678-7_4 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Efficiency assessment of measures to increase sustainability of the transport system

Makarova, Irina; Shubenkova, Ksenia; Pashkevich, Anton Transport 2021 / p. 123–133 : ill <https://doi.org/10.3846/transport.2021.14996> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

Efficiency management of robotic production processes at automotive industry

Makarova, Irina; Khabibullin, Rifat; Mukhametdinov, Eduard; **Pashkevich, Anton**; Shubenkova, Ksenia 17th Mechatronika 2016 : proceedings of the 2016 17th International Conference on Mechatronics - Mechatronika (ME) 2016 : Prague, Czech Republic, December 7-9, 2016 2016 / p. 35-42 : ill <http://ieeexplore.ieee.org/document/7827790/>

Ensuring sustainability of public transport system through rational management

Makarova, Irina; **Pashkevich, Anton**; Shubenkova, Ksenia Procedia engineering 2017 / p. 137-146 : ill <https://doi.org/10.1016/j.proeng.2017.01.078> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Ensuring the cycling safety by improving bicycle infrastructure

Makarova, Irina; Boyko, Aleksey; Shubenkova, Ksenia; **Pashkevich, Anton** Transbaltica XI : Transportation Science and Technology : Proceedings of the International Conference Transbaltica, May 2-3, 2019, Vilnius, Lithuania 2020 / p. 386-396 https://doi.org/10.1007/978-3-030-38666-5_41

Improvement of automotive service management by means of computer simulation

Makarova, Irina; **Pashkevich, Anton**; Buyvol, Polina; Mavrin, Vadim; Abeshev, Kuanysh; Shubenkova, Ksenia Transportation research procedia 2020 / P. 160–167 <https://doi.org/10.1016/j.trpro.2020.02.023> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Improving the city's transport system sustainability by making an justified choice of the optimal infrastructure solution

Makarova, Irina; Mavrin, Vadim; Buyvol, Polina; **Pashkevich, Anton**; Mukhametdinov, Eduard 2020 21th International Carpathian Control Conference (ICCC) 2020 / 6 p <https://doi.org/10.1109/ICCC49264.2020.9257283>

ITS safety ensuring through situational management methods

Makarova, Irina; Shubenkova, Ksenia; Mukhametdinov, Eduard; Mavrin, Vadim; **Antov, Dago**; **Pashkevich, Anton** Intelligent Transport Systems – From Research and Development to the Market Uptake : First International Conference, INTSYS 2017, Hyvinkää, Finland, November 29-30, 2017, Proceedings 2018 / p. 133 - 143 https://doi.org/10.1007/978-3-319-93710-6_15 [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Logistical costs minimization for delivery of shot lots by using logistical information systems

Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** Procedia engineering 2017 / p. 330-339 : ill

<https://doi.org/10.1016/j.proeng.2017.01.059> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Modeling as a method to improve road safety during mass events

Makarova, Irina; Khabibullin, Rifat; **Pashkevich, Anton**; Shubenkova, Ksenia Transportation research procedia 2017 / p. 430-435 : ill

<https://doi.org/10.1016/j.trpro.2017.01.070> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

Planning method for the maintenance and repair of the vehicle fleet based on the life cycle contract

Makarova, Irina; Mukhametdinov, Eduard; Gabsalikhova, Larisa; **Pashkevich, Anton**; Giniyatullin, Ilmur Transbaltica XI :

Transportation Science and Technology : Proceedings of the International Conference Transbaltica, May 2-3, 2019, Vilnius, Lithuania 2020 / p. 434-444 https://doi.org/10.1007/978-3-030-38666-5_46

Safety related problems of transport system and their solutions

Makarova, Irina; Shubenkova, Ksenia; Mukhametdinov, Eduard; **Pashkevich, Anton** 2018 XI International Science-Technical

Conference Automotive Safety : Casta, Slovakia, 18-20 April 2018 2018 / p. 246-254 : ill

<https://doi.org/10.1109/AUTOSAFE.2018.8373333>

Smart-bike as one of the ways to ensure sustainable mobility in smart cities

Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton**; Boyko, Aleksey Sensor Systems and Software : 7th International

Conference, S-Cube 2016, Sophia Antipolis, Nice, France, December 1-2, 2016 : revised selected papers 2017 / p. 187-198

https://doi.org/10.1007/978-3-319-61563-9_16 [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

The concept of the decision support system to plan the reverse logistics in automotive industry

Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton** 2018 2th International Conference on Software, Telecommunications and Computer Networks (SoftCOM) : Split - Supetar, Croatia, September 13 - 15, 2018 2018 / 6 p. : ill

<http://doi.org/10.23919/SOFTCOM.2018.8555760>

The role of reverse logistics in the transition to a circular economy

Makarova, Irina; Shubenkova, Ksenia; **Pashkevich, Anton**; Shepelev, Vladimir Reliability and Statistics in Transportation and

Communication : Selected Papers from the 18th International Conference on Reliability and Statistics in Transportation and

Communication, RelStat'18, 17-20 October 2018, Riga, Latvia 2019 / p. 363-373 https://doi.org/10.1007/978-3-030-12450-2_35

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

Usage of microscopic simulation to estimate the environmental impact of road transport

Makarova, Irina; Buyvol, Polina; Magdin, Kirill; **Pashkevich, Anton**; Boyko, Aleksey; Shubenkova, Ksenia Transportation research

procedia 2020 / p. 86-93 <https://doi.org/10.1016/j.trpro.2020.02.013> [Conference Proceedings at Scopus](#) [Article at Scopus](#) [Article at](#)

[WOS](#)

Virtual laboratories: engineers' training for automotive industry

Makarova, Irina; Boyko, Aleksey; Shubenkova, Ksenia; **Pashkevich, Anton**; Giniyatullin, Ilmur 17 International Conference on

Emerging Learning Technologies and Applications, November 21-22, 2019 Stary Smokovec, The High Tatras Slovak Republic :

proceedings 2019 / 7 p. : ill <https://doi.org/10.1109/ICETA48886.2019.9040074>

Ways to increase population mobility through the transition to sustainable transport

Makarova, Irina; **Pashkevich, Anton**; Shubenkova, Ksenia; Mukhametdinov, Eduard Procedia engineering 2017 / p. 756-762 : ill

<https://doi.org/10.1016/j.proeng.2017.04.434> [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)