

### **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>

### **A comparison of the relationship between individual values and aggressive driving in five countries**

Findik, Gizem; Kacan, Bilgesu; Solmazer, Gaye; Ersan, Özlem; Zihni, Yesim Üzümcüoğlu; Azik, Derya; Özkan, Türker; Lajunen, Timo; **Pashkevich, Anton**; **Pashkevich, Maria** Journal of transportation safety and security 2022 / p. 430-452 <https://doi.org/10.1080/19439962.2020.1784341> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Competitiveness analysis of regional airports based on location planning models : the case study of Finland**

**Pashkevich, Anton**; Nõmmik, Allan; Antov, Dago Transport means 2017 : proceedings of the international scientific conference : part III 2017 / p. 754-761 : ill [https://www.dropbox.com/sh/7sjhe2ln3e3qin6/AABBI1Gbrf0\\_t8IM7Kho8KmVa?dl=0&preview=Transport+mens+2017+\(Part+3\).pdf](https://www.dropbox.com/sh/7sjhe2ln3e3qin6/AABBI1Gbrf0_t8IM7Kho8KmVa?dl=0&preview=Transport+mens+2017+(Part+3).pdf) [Competitiveness analysis of regional airports based on location planning models](#)

### **Cross-cultural differences in driver aggression, aberrant, and positive driver behaviors**

Ersan, Özlem; Üzümcüoğlu, Yesim; Azik, Derya; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2020 / p. 88-97 <https://doi.org/10.1016/j.trf.2020.03.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Cross-cultural differences in pedestrian behaviors in relation to values : a comparison of five countries**

Solmazer, Gaye; Azik, Derya; Findik, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Accident analysis & prevention 2020 / art. 105459 <https://doi.org/10.1016/j.aap.2020.105459> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **Customized warning system for the lowering of driving performances in older drivers**

Arikan, Kutluk; Arndt, Holger; **Pashkevich, Anton** European Interdisciplinary Conference "Ageing and Safe Mobility", 27./28.11.2014, Bergisch-Gladbach 2014 / [9] p. : ill

### **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>

### **Development of interactive monitoring system for urban environmental impact assessment of transport system**

**Pashkevich, Anton**; Beliakova, Marina; Ivanov, Alexander; Purju, Alari Procedia engineering 2017 / p. 42-52 : ill <https://doi.org/10.1016/j.proeng.2017.01.058> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-319-95678-7_4) [Conference proceedings at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **Driver profiles based on values and traffic safety climate and their relationships with driver behaviors**

Kaçan, Bilgesu; Findik, Gizem; Üzümcüoğlu, Yeşim; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2019 / p. 246-259 <https://doi.org/10.1016/j.trf.2019.05.010> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [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](https://doi.org/10.1007/978-3-030-38666-5_41)

### **Estimating parameters for traffic flow using navigation data on vehicles**

Burinskiene, Marija; Kapski, Denis; Kasyanik, Valery; **Pashkevich, Anton** The Baltic journal of road and bridge engineering 2020 / p. 1-21 <https://doi.org/10.7250/bjrbe.2020-15.492> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](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](https://doi.org/10.1007/978-3-030-38666-5_46)

### **Realization of OpenStreetMap project possibilities : special GIS software described by using case study of transport infrastructure**

**Pashkevich, Anton** 14th SGEM GeoConference on Informatics, Geoinformatics and Remote Sensing : SGEM 2014 conference proceedings. Vol. 3 2014 / p. 799-806 : ill <https://doi.org/10.5593/sgem2014/b23/s11.102> [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Road users' evaluations and perceptions of road infrastructure, trip characteristics, and daily trip experiences across countries**

Azık, Derya; Solmazer, Gaye; Ersan, Özlem; Kaçan, Bilgesu; Fındık, Gizem; Üzümcüoğlu, Yeşim; Özkan, Türker; Lajunen, Timo; Öz, Bahar; **Pashkevich, Anton; Pashkevich, Maria**; Danelli-Mylona, Vassiliki; Georgogianni, Dimitra; Berisha Krasniqi, Ema; Krasniqi, Muhamed; Makris, Evangelos; Shubenkova, Ksenia; Xheladini, Gentianë Transportation Research Interdisciplinary Perspectives 2021 / Art. 100412 <https://doi.org/10.1016/j.trip.2021.100412> [Journal metrics at Scopus](#) [Article at Scopus](#) [Article at WOS](#)

### **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>

### **A short scale of traffic climate across five countries**

Üzümcüoğlu, Yesim; Ersan, Özlem; Kacan, Bilgesu; **Pashkevich, Anton**; **Pashkevich, Maria** Mustafa Kemal University journal of social sciences institute 2020 / p. 673-702 <https://dergipark.org.tr/en/pub/mkusbed/issue/57607/636032>

### **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](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 relationship between self and other in aggressive driving and driver behaviors across countries**

Ersan, Özlem; Üzümcüoğlu, Yeşim; Azık, Derya; **Pashkevich, Anton**; **Pashkevich, Maria** Transportation research part F: traffic psychology and behaviour 2019 / p. 122-138 <https://doi.org/10.1016/j.trf.2019.08.020> [Journal metrics at Scopus](#) [Article at Scopus](#) [Journal metrics at WOS](#) [Article at WOS](#)

### **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](https://doi.org/10.1007/978-3-030-12450-2_35) [Conference proceedings at Scopus](#) [Article at Scopus](#)

### **Understanding and improving urban cycle networks with social sensing**

**Pashkevich, Anton**; Karamshuk, Dmytro 34th Conference on Transportation Systems with International Participation : Automation in Transportation 2014 : 5.-9.11.2014., Dubrovnik – Croatia 2014 / p. 45-49

### **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](#)