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Biographical information



Ph.D. Aleksandar Trifunović was born on May 17, 1990 in Kragujevac (Republic of Serbia). He finished elementary and high electrical engineering school in Rača. He enrolled at the University of Belgrade - Faculty of Transport and Traffic Engineering in 2009 and graduated in 2013. At the same Faculty, he enrolled in the Master's studies in the field of road traffic safety, and earned his master's degree in traffic engineering in 2015. He enrolled in doctoral academic studies in 2015 at the University of Belgrade - Faculty of Transportation, study program Traffic and Transport. He defended his doctoral dissertation with the entitled "*Application of Geometric Modelling for Determining the Readiness of Children for Safe Traffic Participation*" in 2020.

From 2014 to 2016, he was a Research Assistant, and from 2016 to 2020, he has been a Teaching Assistant within the Department of Technical Sciences, at the University of Belgrade – Faculty of Transport and Traffic Engineering. He is currently employed as an assistant professor at the same institution.

As an author and co-author, he participated in the preparation of over 150 scientific and professional papers in journals, monographs, and conference proceedings, over twenty of which were published in international journals from the SCI list (with IF). His citation count is 390, with h-index 10, and i10-index 12 (Google Scholar). He has been hired as a reviewer for the prestigious international journals Accident Analysis & Prevention and Perceptual, Motor Skills, Applied Sciences, Energies, Sustainability, BMC Public Health, Soft Computing, and others, with over 100 verified reviews (Web of Science). He is a member of the Editorial Review Board for the journal Frontiers in Industrial Engineering. Since 2017, he has been a member of the Serbian Association for Geometry and Graphics (SUGIG). Since 2020, he has been a member of the editorial board of the scientific-professional journal 'Journal of Road and Traffic Engineering' of the Serbian Society for Roads 'VIA-VITA' and a technical editor. He is a member of the editorial board for the scientific journal 'Perner's Contacts'. Aleksandar is an Associate Editor for the scientific journal Mechatronics and Intelligent Transportation Systems (MITS). He was in several committees for the defense of thesis. During his work at the Faculty of Transport and Traffic Engineering, he participated in the development of over 10 projects, of which the project of the Ministry of Education, Science and Technological Development of the Republic of Serbia stands out, entitled "Software development and national database for the strategic management of transport and infrastructure in road, rail air and water transport using European transport network models". He is the leader of the team responsible for developing patented technical solutions in the field of traffic. Since 2024, he has been included in the list of experts for accreditation of study programs and reaccreditation of higher education institutions of the National Body for Accreditation and Quality Assurance in Higher Education of Montenegro, as an expert in technical and technological sciences.

His scientific and research experience involves Children Safety in Road Traffic, Road Traffic Safety, Patents in Traffic, Geometrical modelling, Mobile Technologies, and Learning. Some of the publications are highlighted below:

Bibliography

• Journals from the SCI list with an impact factor

1. Marković N, Ivanišević T, Čičević S, **Trifunović A**. Fuzzy Logic Model for Assessing Accident Proneness Based on Passenger Vehicle Speed in Real and Virtual Traffic Conditions. *Mathematics*. 2024; 12(3):421. <https://doi.org/10.3390/math12030421>.
2. Manojlovic, U., Zunjic, A., **Trifunović, A.**, Ivanišević, T., Duplakova, D., Duplak, J., & Čičević, S. (2023). Usability of Certain Symbols Indicating Automobile Safety Status Based on Youth Assessment. *Applied Sciences*, 13(17), 9749.
3. Glavić, D., Milenković, M., **Trifunović, A.**, Jokanović, I., & Komarica, J. (2023). Influence of Dockless Shared E-Scooters on Urban Mobility: WTP and Modal Shift. *Sustainability*, 15(12), 9570.
4. Pantelić, O., Pešić, D., Vujanić, M., Švab, K., & **Trifunović, A.** (2023). Application of the AHP Method for Comparative Analysis of Software Systems in Traffic from the Aspect of Traffic Safety. *Promet-Traffic&Transportation*, 35(4), 525-539.
5. **Trifunović, A.**, Ivanišević, T., Čičević, S., Simović, S., Vukšić, V., & Slović, Ž. (2023). Do Statistics Show Differences between Distance Estimations of 3D Objects in the Traffic Environment Using Glances, Side View Mirrors, and Camera Display?. *Mathematics*, 11(5), 1258.

6. Ivanišević, T., **Trifunović, A.**, Čičević, S., Pešić, D., Simović, S., Zunjic, A., ... & Manojlovic, U. (2023). Analysis and Determination of the Lateral Distance Parameters of Vehicles When Overtaking an Electric Bicycle from the Point of View of Road Safety. *Applied Sciences*, 13(3), 1621.
7. Pešić, A., Stephens, A. N., Newnam, S., Čičević, S., Pešić, D., & **Trifunović, A.** (2022). Youth Perceptions and Attitudes towards Road Safety in Serbia. *Systems*, 10(5), 191.
8. Pešić, D., Pešić, D., **Trifunović, A.**, & Čičević, S. (2022). What Affects the Perception of a Drunk Driving Campaign?. *Transportation Research Record*, 03611981221128809.
9. Ivanišević, T., Ivković, I., Čičević, S., **Trifunović, A.**, Pešić, D., Vukšić, V., & Simović, S. (2022). The impact of daytime running (LED) lights on motorcycles speed estimation: A driving simulator study. *Transportation research part F: traffic psychology and behaviour*, 90, 47-57.
10. **Trifunović, A.**, Čičević, S., Pešić, D., Samčović, A., & Marković, V. (2022). Surveying disadvantaged children's traffic safety education in a comparison between paper and electronic methods: A case example for the expanded use of educational technology. *Transportation research record*, 2677(2), 401-417.
11. **Trifunović, A.**, Pešić, D., & Čičević, S. (2022). Experimental Study: Children's Perceptions Expressed Through Drawings and Coloring. *Perceptual and Motor Skills*, 129(4), 1151-1176.
12. Pešić, D., Pešić, D., **Trifunović, A.**, & Čičević, S. (2022). Application of Logistic Regression Model to Assess the Impact of Smartwatch on Improving Road Traffic Safety: A Driving Simulator Study. *Mathematics*, 10(9), 1403.
13. Slović, Ž. S., Vitošević, K., Mihajlović, F., **Trifunović, A.**, & Todorović, M. (2023). Abdominal injuries in road traffic accidents-autopsy study. *Vojnosanitetski preglad*, (00), 42-42.
14. Čubranić-Dobrodolac, M., Švadlenka, L., Čičević, S., **Trifunović, A.**, & Dobrodolac, M. (2021). A Bee Colony Optimization (BCO) and Type-2 Fuzzy Approach to Measuring the Impact of Speed Perception on Motor Vehicle Crash Involvement. *Soft Computing*. (Early Access). IF₂₀₂₀= 3.643
15. Simović, S., Ivanišević, T., **Trifunović, A.**, Čičević, S., & Taranović, D. (2021). What Affects the E-Bicycle Speed Perception in the Era of Eco-Sustainable Mobility: A Driving Simulator Study. *Sustainability*, 13(9), 5252. IF₂₀₂₀= 3.251 DOI: 10.3390/su13095252
16. Simović, S., Ivanišević, T., Brađić, B., Čičević, S., & **Trifunović, A.** (2021). What Causes Changes in Passenger Behavior in South-East Europe during the COVID-19 Pandemic?. *Sustainability*, 13(15), 8398. IF₂₀₂₀= 3.251 DOI: 10.3390/su13158398
17. Milenković, M., Stepanović, N., Glavić, D., Tubić, V., Ivković, I., & **Trifunović, A.** (2020). Methodology for determining ecological benefits of advanced tolling systems. *Journal of Environmental Management*, 258, 110007. IF₂₀₁₉=5.647 DOI: 10.1016/j.jenvman.2019.110007
18. Čubranić-Dobrodolac, M., Švadlenka, L., Čičević, S., **Trifunović, A.**, & Dobrodolac, M. (2020). Using the Interval Type-2 Fuzzy Inference Systems to Compare the Impact of Speed and Space Perception on the Occurrence of Road Traffic Accidents. *Mathematics*, 8(9), 1548. IF₂₀₂₀= 2.258 DOI: 10.3390/math8091548
19. Pešić, D., **Trifunović, A.**, Ivković, I., Čičević, S., Žunjić, A. (2019). Evaluation of the Effects of Daytime Running Lights for Passenger Cars. *Transportation Research Part F: Traffic Psychology and Behaviour*, pp. 252-261, United Kingdom. IF₂₀₁₉=2.518 DOI: 10.1016/j.trf.2019.09.008
20. Glavić, D., Mladenović, M., Tapio, L., Čičević, S., **Trifunović, A.** (2017). Road to price: User perspectives on road pricing in transition country. *Transportation Research Part A: Policy and Practice*, pp. 79-94, United Kingdom. IF₂₀₁₇=3.026. DOI: 10.1016/j.tra.2017.08.016
21. **Trifunović, A.**, Pešić, D., Čičević, S., Antić, B. (2017). The Importance of Spatial Orientation and Knowledge of Traffic Signs for Childrens' Traffic Safety. *Accident Analysis & Prevention*, pp. 81-92, United Kingdom. IF₂₀₁₇=2.584 DOI: 10.1016/j.aap.2017.02.019

• **Scientific Journal**

25. **Trifunović, A.**, Čičević, S., Ivanišević, T., Simović, S., & Mitrović, S. (2024). Education of Children on the Recognition of Geometric Shapes Using New Technologies. *Educ. Sci. Manag.*, 2(1), 1-9. <https://doi.org/10.56578/esm020101>
26. **Trifunović, A.**, Senić, A., Čičević, S., Ivanišević, T., Vukšić, V., & Simović, S. (2024). Evaluating the Road Environment Through the Lens of Professional Drivers: A Traffic Safety Perspective. *Mechatron. Intell Transp. Syst.*, 3(1), 31-38. <https://doi.org/10.56578/mits030103>
27. Milenković, M., Glavić, D., **Trifunović, A.**, & Komarica, J. (2023). User's willingness to accept the shared dockless e-scooter system: Belgrade case study. *Transportation Research Procedia*, 72, 279-286.

28. Ivanišević, T., **Trifunović, A.**, Čičević, S., Zunjic, A., Mitrović, S., & Vukšić, V. (2023). Traffic Safety in Road Construction Zones in The Republic of Serbia. *IETI Transactions on Engineering Research and Practice*, 7(1), 35-44.
29. Trifunović, A., Čičević, S., Žunjić, A., Ivanišević, T., Mitrović, S., & Xiao-Guang, Y. (2022). Perception of distance using rear-view mirrors in a vehicle. *IETI Transactions on Ergonomics and Safety*, 6(2), 1-10.
30. **Trifunović, A.**, Petrović, M., Pešić, D., & Čičević, S. (2022). How do children estimate the speed of a vehicle in a 3D environment?. *Journal of Road and Traffic Engineering*, 68(4), 49-52. <https://doi.org/10.31075/PIS.68.04.07>
31. Ivanišević, T., **Trifunović, A.**, Čičević, Č., Vukšić, V., Simović, S., Slović, Ž. (2021). Ergonomic aspects of e-bike transport. *IETI Transactions on Engineering Research and Practice. IETI Transactions on Ergonomics and Safety*, 5(2), 18-30. DOI: 10.6723/TERP.202112_5(2).0003
32. Zunjic, A., Stojkovic, D., Čičević, S., **Trifunović, A.**, & Yue, X. G. (2020). Influence of COVID-19 virus on stress level in population groups with different status and characteristics of employment. *IETI Transactions on Ergonomics and Safety*, 4(0), 32-38. DOI: 10.6722/TES.202010_4(1).0005
33. Čičević, S., **Trifunović, A.**, Slavica Đorđević & Yue, X. G. (2019). The Impact of Insomnia and Fatigue on Traffic Safety: Amateur and Professional Drivers. *IETI Transactions on Ergonomics and Safety*, 3(2), 41-47. DOI: 10.6722/TES.201912_3(2).0005
34. Dragović, M., Čičević, S., Čučaković, A., **Trifunović, A.**, & Gramić, F. (2019). Positive impact of 3D CAD models employment in descriptive geometry education. *The Journal of Polish Society for Geometry and Engineering Graphics*, Volume 32, pp. 11-15. DOI 10.36176/96. PTGiGI.2019.32.2.02
35. **Trifunović, A.**, Čičević, S., Lazarević, D. M., Dragović, M. S., Vidović, N. D., & Mošić, M. R. (2019). Perception of 3D Virtual Road Markings-Based on Estimation of Vehicle Speed. *FME Transactions*, 47(2), 360-369. DOI: 10.5937/fmet1902360T
36. **Trifunović, A.**, Čičević, S., & Yue, X. G. (2019). An Investigation of the Effect of Fatigue and Drowsiness Among Young Drivers. *IETI Transactions on Ergonomics and Safety*, 3(2), 25-31. DOI: 10.6722/TES.201912_3(2).0003
37. Pešić, D., **Trifunović, A.**, & Petrović, M. (2019). Road Safety Education for Children: Results of Children's Behavior on Traffic Playground and Simulated Traffic Situations. *Facta Universitatis, Series: Teaching, Learning and Teacher Education*, 001-010. ISSN 2560 – 4600, DOI: doi.org/10.22190/FUTLTE1901001P
38. **Trifunović, A.**, Čičević, S., Zunjic, A., Dragović, M., & Yue, X. G. (2019). An Experimental Study on the Certain Effects of Colors on the Perception of Preschool and Primary School Children-Implications To Design. *IETI Transactions on Ergonomics and Safety*, 3(1), 38-43. ISSN 2520-5439, DOI: 10.6722/TES.201907_3(1).0005
39. **Trifunović, A.**, Čičević, S., & Dragović, M. (2019). Experimental Study: How Fast is the Children's Reaction Times for Different Heights of Traffic Signs - Ergonomic Principles and Traffic Safety Aspect. *IETI Transactions on Ergonomics and Safety*, 3(1), 32-37. ISSN 2520-5439, DOI: 10.6722/TES.201907_3(1).0004
40. **Trifunović, A.**, Čičević, S., Lazarević, D., Mitrović, S., Dragović, M. (2018). Comparing tablets (touchscreen devices) and PCs in preschool children' education: testing spatial relationship using geometric symbols on traffic signs. *IETI Transactions on Ergonomics and Safety*. Vol. 2 Issue: 1, pp. 35-41, DOI: 10.6722/TES.201808_2(1).0004. ISSN 2520-5439.
41. Čičević, S., Dobrodolac, M., **Trifunović, A.**, Lazarević, D. (2017). Difference in Psychomotor Skills while Working on Tablets PC and Smartphones. *IETI Transactions on Ergonomics and Safety, International Engineering and Technology Institute*, Volume 1, Issue 2, pp. 29-37, Hong Kong, China. ISSN 2520-5439, DOI: 10.6722/TES.201712_1(2).0004
- **Monographs**
42. Čičević, S., Dragović, M., Žunjić, A., **Trifunović, A.**, Mitrović, S., Nešić, M. (2017). Road Design Elements Evaluation before and after Reconstruction (Chapter 8). *Ergonomic Design and Assessment of Products and System* (editor Aleksandar Žunjić), NOVA Science publishers. pp. 141-193, New York, USA. ISBN 978-1-53611-796-7
43. Čičević, S., **Trifunović, A.**, Mitrović, S., Nešić, M. (2017). The usability Analysis of Different Presentation Media Design for Vehicle Speed Assessment (Chapter 9). *Ergonomic Design and Assessment of Products and System* (editor Aleksandar Žunjić), NOVA Science publishers. pp. 195-220, New York, USA. ISBN 978-1-53611-796-7
44. Čičević, S., **Trifunović, A.**, Nešić, M. (2014). Kako studenti opažaju ulogu univerziteta u ekonomiji znanja NISUN 3, *Savremene paradigme u nauci i naučnoj fantastici*, (ur. B. Dimitrijević). pp.246-265. Filozofski fakultet Niš.
45. Čičević, S., **Trifunović, A.** (2013). The implementation of mobile technology in the English vocabulary learning in the field of transportation and traffic/Implementacija mobilnih tehnologija u učenju engleskog rečnika saobraćajne struke. *Foreign Language In Transport And Traffic Engineering Profession And Science / Strani jezik usaobraćajnoj struci i nauci* (editor prof. dr Gordana Dimković Telebaković), pp. 111-129. University Of Belgrade, Faculty of Transport and Traffic Engineering.
- **Report from the international meeting printed in its entirety**
46. Ivanišević, T., **Trifunović, A.**, Simović, S., Vukšić, V. (2023). Attitudes of respondents on the use of electric vehicles in traffic and transport. XII international conference „Road Safety in Local Community“. Banja Luka.

47. Petrović, M., Lazarević, D., **Trifunović, A.**, & Malešević, B. (2023). Proposal of New Constant Slope Surfaces for the Purposes of Designing Traffic Infrastructure Elements. In *Proceedings of 9th International Conference for Geometry and Graphics – moNGeometrija 2023* (pp. 195-204).
48. Ivanišević, T., **Trifunović, A.**, Čičević, S., Vukšić, V., Simović, S. The Impact of Daytime Running (Led) Lights on Motorcycles Speed Estimation. In Proceedings of the XVIII International Conference “Road Safety in Local Community”, Kopaonik, April 19-22, 2023.
49. Petrović, M., **Trifunović, A.**, & Lazarević, D. Cassinian Directorial Curves as a Pattern for Urban Design. ICUP 2022.
50. Ivanišević, T., Simović, S., **Trifunović, A.** Use of neural networks in prediction of traffic accidents. In Proceedings of the XVII International Conference “Road Safety in Local Community”, Kopaonik, April 13-16, 2022.
51. **Trifunović, A.**, Čičević, S., Žunić, A., Ivanišević, T. (2022). Use of the rear-view mirror in the vehicle for distance perception: traffic safety. *19th International Conference "Man and Working Environment" – OESEM*. Niš. page 269-274. ISBN: 978-86-6093-112-4
52. Ivanišević, T., **Trifunović, A.**, Čičević, S., Žunić, A., Vukšić, V., Mitrović, S. (2022). Road safety at roadwork zones. *19th International Conference "Man and Working Environment" – OESEM*. Niš. page 275-280. ISBN: 978-86-6093-112-4
53. Žunjić, A., Manojlović, U., Čičević, S., & **Trifunović, A.** (2022). Evaluation of the usability of symbols indicating the state of automobile lighting. In *Proceedings of the 8th International Conference on Industrial Engineering SIE 2022* (pp. 287-290). University of Belgrade, Faculty of Mechanical Engineering.
54. **Trifunović, A.**, Čičević, S., Pešić, D., Petrović, M., Žunjić, A., & Lazarević, D. (2022). The importance of traffic playground design for educating children about traffic safety. In *Proceedings of the 8th International Conference on Industrial Engineering SIE 2022* (pp. 291-294). University of Belgrade, Faculty of Mechanical Engineering.
55. Ivanišević, T., **Trifunović, A.**, Čičević, S., Vukšić, V., Simović, S. (2022). Estimation of motorcycle movement speed, depending on the (non)use of led daytime lights, in urban area. *Road safety in local community 2022 - XI international conference*, proceedings, page 217-222, ISBN 978-99976-160-1-2, Banja Luka.
56. Ivanišević, T., *Trifunović, A.*, Simović, S., Vukšić, V. (2022). Application of artificial intelligence methods in the prediction of road crashes involving e-bikes. *Road safety in local community 2022 - XVII international conference*, proceedings, page 105-111. ISBN: 978-86-81230-02-2, Vrnjačka Banja.
57. Dragović, M., Čučaković, A., Čičević, S., **Trifunović, A.**, Martinenko, A., Dragović, M., ... & Čučaković, A. (2022). Izazovi u nastavi na računarima tokom pandemije COVID 19 na predmetu Nacrtna geometrija sa računarskim crtanjem. *Zbornik radova LXVI konferencije ETRAN, Novi Pazar 6-9. juna 2022.*, 125-123.
58. **Trifunović, A.**, Pešić, D., Lazarević, D., Petrović, M. (2021). How do children learn about traffic safety in a geometrically modeled environment? The 8th International Scientific Conference on Geometry and Graphics, moNGeometrija 2021, 10.-12. September, 2021, Belgrade, Serbia, pp. 243-249.
59. Simović, S., Miljanić, L., Ivanišević, T., **Trifunović, A.**, Miljanić, Z. (2021). Review of the state of traffic safety in Montenegro. XX Symposium "Expertise of Traffic Accidents and Insurance Fraud", 18-20. November, 2021, Divčibare, Serbia.
60. Ivanišević, T., **Trifunović, A.**, Čičević, S., Simović, S., Vukšić, V. (2021). Does the geographical area of the respondents affect the perception of e-bike speed ?. X International Conference "Traffic Safety in the Local Community". Republika Srpska Traffic Safety Agency, 28-29. October, 2021, Banja Luka, Republika Srpska.
61. Lazarević, D., Petrović, M., **Trifunović, A.**, & Dobrodolac, M. (2020). Solving the 3D bin packing problem to improve transport efficiency. Conference: The 7th International Scientific Conference on Geometry and Graphics, moNGeometrija, Belgrade, Serbia, 139-148.
62. Dragović, M., Čučaković, A., Bogdanović, J., Čičević, S., **Trifunović, A.** (2020). Geometric Proportional Model of The Church of the Ljubostinja Monastery. Proceedings: First International Conference SMARTART – Art and Science Applied from Inspiration to Interaction, Faculty of Applied Arts, Belgrade, 2020.
63. Čubranić-Dobrodolac, M., Švadlenka, L., Čičević, S., **Trifunović, A.** (2020). Using the Interval Type-2 Fuzzy Inference Systems to Determine a Relationship Between the Road Characteristics Assessment and Road Traffic Accidents. Paper presented at Sinteza 2020 - International Scientific Conference on Information Technology and Data Related Research, Serbia, 2020, pp. 227-232. doi:10.15308/Sinteza-2020-227-232
64. Ivanišević, T., Simović, S., Miljanić, Z., **Trifunović, A.** (2020). Analysis of the influence of the braking coefficient and the difference in the braking force of the vehicle's working brakes on the occurrence of road crashes. *XIX Symposium „Expertise in road crashes and insurance fraud“*. Divčibare.
65. Ivanišević, T., Lukić, J., Taranović, D., **Trifunović, A.** (2019). Analiza saobraćajnih nezgoda sa učešćem e-bicikala. XVIII Simpozijum "Veštačenje saobraćajnih nezgoda i prevare u osiguranju", Banja Vrujci, Srbija, 31. oktobar - 2. novembar 2019, pp. 129-136. ISBN 978-86-901646-0-8, COBISS.SR-ID 280492556

66. Ivanišević, T., Lukić, J., Taranović, D., **Trifunović, A.** (2019). Analysis of road crashes involving e-bikes. *XVIII Symposium „Expertise in road crashes and insurance fraud“*. Banja Vrujci.
67. **Trifunović, A.**, Čičević, S., Dragović, M., Petrović, M. (2018). Differences in the Behavior of Children in Traffic Situations Presented on Mobile Devices and on the Polygon. In Proceedings of the XIII International Conference “Road Safety in Local Community”, Kopaonik, April 18-21, 2018, volume 1, pp. 306-314. ISBN 978-86-81230-00-8, COBISS.SR-ID 261479948
68. **Trifunović, A.**, Čičević, S., Josić, A., Stokić, I. (2018). The Use of new Technological Devices in Education for Children’s Traffic Safety. In Proceedings of the XIII International Conference “Road Safety in Local Community”, Kopaonik, April 18-21, 2018, volume 2, pp. 175-182. ISBN 978-86-81230-01-5, COBISS.SR-ID 261483788
69. Čičević, S., **Trifunović, A.**, Vidović, N., Mošić, M. (2018). The Perception of 3D Visual Markings in School Zone. In Proceedings of the Third Serbian Road Congress, Serbia, Belgrade, 14 - 15. june 2018, pp. 574-581. ISBN 978-86-88541-10-7, COBISS.SR-ID 264685068
70. Čubranić-Dobrodolac, M., Čičević, S., **Trifunović, A.**, Stokić, I., Josić, A. (2018). The Influence of the Road and Environment Characteristics on the Driver’s Emotions. In Proceedings of the Third Serbian Road Congress, Serbia, Belgrade, 14 - 15. june 2018, pp. 526-531. ISBN 978-86-88541-10-7, COBISS.SR-ID 264685068
71. Čičević, S., **Trifunović, A.**, Lazarević, D., Dragović, M., Vidović, N., Mošić, M. (2018). Perception of three-dimensional geometric shapes as virtual 3D road markings. In Proceedings of the 6th International Scientific Conference on Geometry and Graphics moNGeometrija, Serbian Society for Geometry and Graphics (SUGIG), June 6th - 9th 2018, Serbia, Novi Sad, pp. 190-202. ISBN 978-86-6022-055-6, COBISS.SR-ID 324344839
72. **Trifunović, A.**, Čičević, S., Lazarević, D., Dragović, M., Čučaković, A. (2018). Challenges and promises of mobile devices usage for spatial visualization skills assessment in technical drawing for engineering course. In Proceedings of the 18th International Conference on Geometry and Graphics, ed. Luigi Cocchiarella, 40th Anniversary-Milan, Italy, August 3–7, 2018. pp. 1740-1750. Print ISBN: 978-3-319-95587-2, Electronic ISBN: 978-3-319-95588-9
73. **Trifunović, A.**, Čičević, S., Žunjić, A., Dragović, M. (2018). The importance of ergonomic principles in design of the traffic signs for children. In Proceedings of the 7th International Symposium of Industrial Engineering - SIE 2018, 27th-28th September 2018, Serbia, Belgrade, pp. 96-98. ISBN 978-86-7083-981-6
74. Dragović, M., Čučaković, A., Bogdanović, J., Čičević, S., **Trifunović, A.** (2018). Triangular proportional scheme and concept of the two Serbian medieval churches. In Proceedings of the 18th International Conference on Geometry and Graphics, ed. Luigi Cocchiarella, 40th Anniversary-Milan, Italy, August 3–7, 2018. pp. 677-689. Print ISBN: 978-3-319-95587-2, Electronic ISBN: 978-3-319-95588-9
75. **Trifunović, A.**, Čičević, S., Žunjić, A., Mitrović, S., Dragović, M. (2018). New pedagogical approaches in digital media - enhanced traffic safety training for children. In Proceedings of the 18th Conference of the series Man and Working Environment, International Conference 50 Years of Higher Education, Science and Research in Occupational Safety Engineering, Nis, 6-7 december 2018, pp. 193-196. ISBN 978-86-6093-089-9, COBISS.SR-ID 270808332
76. Žunjić, A., Sremčević, V., Čičević, S., **Trifunović, A.**, Stojiljković, E. (2018). The effects of interior design of public transport buses on passenger safety. In Proceedings of the 18th Conference of the series Man and Working Environment, International Conference 50 Years of Higher Education, Science and Research in Occupational Safety Engineering, Nis, 6-7 December 2018, pp. 259-262. ISBN 978-86-6093-089-9, COBISS.SR-ID 270808332
77. Milenović, F., Korica, M., Marjanović, V., Milosavljević S., Dragović, M., **Trifunović, A.** (2017). Game and creation – spatial ability test aided by 3D models and AR cell phone application. Proceedings of Selected Papers / The First International Students Scientific Conference Multidisciplinary Approach to Contemporary Research, pp. 327-335, Belgrade, Serbia. SBN: 978-86-6179-056-0
78. **Трифуновић, А.**, Чичевић, С., Лазаревић, Д., Видовић, Н., Кајкут, Н. (2017). Познавање значења саобраћајних знакова деце млађег школског узраста. VI Међународна Конференција „Безбедност саобраћаја у локалној заједници“. пп. 203-209, 26-27. октобар 2017., Бања Лука, Република Српска.
79. Чичевић, С., Чубранић-Добродолац, М., **Трифуновић, А.** (2017). Особине личности возача којима је одузета возачка дозвола. VI Међународна Конференција „Безбедност саобраћаја у локалној заједници“. пп. 217-222, 26-27. октобар 2017., Бања Лука, Република Српска.
80. **Trifunović, A.**, Čičević, S., Dragović, M., Čučaković, A. (2017). IT Support for Descriptive Geometry Course for Engineering Students. Paper presented at Sinteza 2017 - International Scientific Conference on Information Technology and Data Related Research, pp. 214-219, Belgrade, Serbia. DOI: 10.15308/Sinteza-2017-214-219. ISBN: 978-86-7912-657-3
81. Đurić, B., **Trifunović, A.**, Čičević, S. (2017). Upporedna analiza sadržaja izduvних gasova vozila sa oto motorima. Zbornik radova “Put i životna sredina”. pp. 241-246 Vršac, Srbija. ISBN 978-86-88541-08-4
82. Чубранић-Добродолац, М., **Трифуновић, А.** (2017). Утврђивање образовних потреба предавача теоријске обуке-упоредни приказ према управним окрузима. 12. Међународна Конференција „Безбедност саобраћаја у локалној заједници“. пп. 171-180, 19 – 22. април 2017., Тара, Србија. ISBN 978-86-7892-924-3

83. **Trifunović, A.**, Ivković, I., Čičević, S. (2017). Uticaj dnevnih svetala na vozilu za tačnost procene brzine kretanja putničkih vozila. 12. Međunarodna Konferencija „Bezbednost saobraćaja u lokalnoj zajednici“. pp. 219-228, 19 – 22. april 2017., Tara, Srbija. ISBN 978-86-7892-924-3
84. Липовац, К., Чубранић-Добродолац, М., **Трифуновић, А.**, Марковић, Н. (2017). Анализа образовних потреба деце предшколског и деце млађег школског узраста у области саобраћајног образовања. 12. Међународна Конференција „Bezbednost saobraćaja u lokalnoj zajednici“. pp. 21-30, 19 – 22. април 2017., Тара, Србија.
85. Ivković, I., Sekulić, D., **Trifunović, A.** (2016). Promena koeficijenta otpora skretanju pneumatika u različitim režimima rada motornog vozila. *IX naučno stručni skup PneUMAtici*, pp. 4-12, 29-30 septembar 2016, Goč, Srbija. ISBN 978-86-84231-32-3
86. **Trifunović, A.**, Čičević, S., Trifunović, S. (2016). Ocene opasnosti okoline puta sa aspekta pasivne bezbednosti saobraćaja. In *Proceedings of The Second Serbian Road Congress*, pp. 680-687, 9. i 10. June 2016. Beograd, Srbija. ISBN 978-86-88541-08-4
87. Lipovac, K. **Trifunović, A.** (2016). Специфичности провере безбедности саобраћаја у зонама школа. In *Proceedings of The Second Serbian Road Congress*, pp. 744-754, 9. i 10. June 2016. Beograd, Srbija. ISBN 978-86-88541-08-4
88. Pešić, D., **Trifunović, A.**, Antić, B., Čičević, S. (2016). Značaj ogledala u vozilu i procene udaljenosti za bezbedno učestvovanje u saobraćaju. 11. Međunarodna Konferencija - Bezbednost saobraćaja u lokalnoj zajednici, Vrnjačka Banja, Srbija, pp. 77-86. ISBN 978-86-7020-346-4
89. **Trifunović, A.** (2016). Značaj percepcije boja i poznavanje saobraćajnih znakova za bezbedno učestvovanje dece u saobraćaju. 11. Međunarodna Konferencija - Bezbednost saobraćaja u lokalnoj zajednici, Vrnjačka Banja, Srbija, pp. 235-244. ISBN 978-86-7020-346-4
90. Čičević, S. Lipovac, K. Čubranić-Dobrodolac, M., **Trifunović, A.** (2016). Risk perception among drivers with suspended driving licenses, XI International Conference Road Safety in Local Communities, Vrnjačka Banja, Serbia, pp. 137-141. ISBN 978-86-7020-371-6
91. **Trifunović, A.**, Lazarević, D., Čičević, S., Čubranić-Dobrodolac, M., Dobrodolac, M. (2016) Assessment of Spatial Visualization Capability and Precision in Geometrical Shapes Drawing. *The 5 th International scientific conference on Geometry and Graphics MoNGeometrya 2016*, pp. 75-81, Belgrade. ISBN 978-86-7466-614-2
92. Živanović, M., Lazarević, D., **Trifunović, A.** (2015). Geometrijsko modeliranje uticaja energetske efikasnosti na nivo kvaliteta poštanske usluge. *Proceedings of International Conference Sinteza 2015 - The Impact of the Internet on Business Activities in Serbia and Worldwide*, University International Scientific Conference, Synthesis, pp. 203-205, Beograd, Srbija. DOI: 10.15308/Synthesis-2015-203-205
93. Živanović, M., Lazarević, D., **Trifunović, A.** (2015). Geometrijsko modeliranje u preventivi bezbednosti dece u saobraćaju, Zbornik radova 18. međunarodne DQM konferencije Upravljanje kvalitetom i pouzdanošću, Prijedor, Čačak 2015, 582-588.
94. Lipovac, K., **Trifunović, A.**, Čičević, S., Čubranić-Dobrodolac, M. (2015). Primena RSI-provere bezbednosti saobraćaja na deonici državnog puta M22. *Zbornik radova, IV Međunarodna konferencija Bezbednost saobraćaja u lokalnoj zajednici*, pp. 63-70, Banja Luka, 29. i 30. oktobar 2015. ISBN: 978-99976-618-5-2
95. Pešić, D., Vožnji, V., Čičević, S., Čubranić-Dobrodolac, M., **Trifunović, A.** (2015). Prikaz primene provere bezbednosti saobraćaja na konkretnom primeru ulice pre i nakon rekonstrukcije. *Zbornik radova, IV Međunarodna konferencija Bezbednost saobraćaja u lokalnoj zajednici*, pp. 71-76, Banja Luka, 29. i 30. oktobar 2015. ISBN: 978-99976-618-5-2
96. Čičević, S., Čubranić-Dobrodolac, M., **Trifunović, A.** (2015). Procene brzine kretanja vozila od strane mladih vozača. *Zbornik radova, IV Međunarodna konferencija Bezbednost saobraćaja u lokalnoj zajednici*, pp. 399-406, Banja Luka, 29. i 30. oktobar 2015. ISBN: 978-99976-618-5-2
97. **Trifunović, A.**, Vožni, V., Čičević, S., Čubranić-Dobrodolac, M. (2015). Primjena RSI – provjere bezbednosti saobraćaja na ulici Vojvode Stepe pre i nakon rekonstrukcije. *X International Conference Jubilee Road Safety in Local Communities, BSLZ 2015*, pp. 75-82, 22-25 April, Kragujevac, Srbija.
98. Čičević, S., Čubranić-Dobrodolac, M., **Trifunović, A.** (2015). Ispitivanje procene brzine kretanja vozila. *X International Conference Jubilee Road Safety in Local Communities, BSLZ 2015*, pp. 251-260, 22-25 April, Kragujevac, Srbija.
99. Živanović, M., Lazarević, D., **Trifunović, A.**, 2014. Geometrijsko 3D modeliranje saobraćajnih nezgoda. *Proceedings of 17th International Conference on Dependability and Quality Management*, Istraživački centar DQM, 27-28 Jun, 17(1) 345-352, Belgrade, Serbia, ISBN: 978-86-86355-16-4
100. Živanović, M., **Trifunović, A.**, Lazarević, D. (2014). Geometrijsko modeliranje situacija u saobraćaju primenom računara. *Proceedings of International Conference Sinteza 2014 - The Impact of the Internet on Business Activities in Serbia and Worldwide*, University International Scientific Conference, Synthesis, pp. 918-921. 4. 2014., Beograd, Srbija.

101. Čičević, S., **Trifunović, A.**, Živanović, M. (2014). Primena interneta za testiranje prepoznavanja geometrijskih oblika predškolske dece. *Proceedings of International Conference Sinteza 2014 - The Impact of the Internet on Business Activities in Serbia and Worldwide*, University International Scientific Conference, pp. 407-411. 4. 2014., Beograd, Srbija.
102. **Trifunović, A.**, Čičević, S., Pešić, D., Vožni, V. (2014). Ispitivanje znanja vozača o pravilima bezbednog ponašanja na kružnim raskrscima na teritoriji Republike Srpske. *Zbornik radova III Međunarodna naučno-stručna konferencija "Bezbednost saobraćaja u lokalnoj zajednici"*, pp. 273-279, Banja Luka, 30.-31. oktobar 2014.
103. Milić, S., Nešić, M., Rosić, M., **Trifunović, A.** (2014). Saobraćajno obrazovanje i vaspitanje dece predškolskog uzrasta na primeru opštine Kovačica. *Zbornik radova III Međunarodna naučno-stručna konferencija "Bezbednost saobraćaja u lokalnoj zajednici"*, pp. 237-243, Banja Luka, 30.-31. oktobar 2014.
104. Antić, B., **Trifunović, A.**, Lenhardt, L., Vožni, V., Čičević, S. (2014). Stavovi vozača i upotreba ITS tehnologije za povećanje bezbednosti saobraćaja u uslovima smanjene vidljivosti. In *Proceedings of The First Serbian Road Congress*, pp. 1047-1053, 5. i 6. June 2014. Beograd, Srbija.
105. Pešić, D., Vožni, V., **Trifunović, A.**, Lenhardt, L. (2014). Primjena RSI – Provjere bezbednosti saobraćaja na dionici magistralnog puta m4, od Kozarca do Srednje Lamovite - studija slučaja u Republici Srpskoj. In *Proceedings of The First Serbian Road Congress*, pp. 1038-1046, 5. i 6. June 2014. Beograd, Srbija.
106. Čičević, S., Glavić, D., **Trifunović, A.**, Milenković, M. (2014). Ispitivanje znanja vozača o pravilima bezbednog ponašanja na kružnim raskrscima. In *Proceedings of The First Serbian Road Congress*, pp. 1005-1013, 5. i 6. June 2014. Beograd, Srbija.
107. Glavić, D., Milenković, M., **Trifunović, A.** (2014). COST-BENEFIT i COST-EFFECTIVENESS analiza zimskog održavanja. In *Proceedings of The First Serbian Road Congress*, 5. i 6. June 2014. Beograd, Srbija.
108. Čičević, S., Stevanović, D., **Trifunović, A.**, Janković, A. (2014). Značaj kampanja za povećanje bezbednosti saobraćaja. *Proceedings of IX International Conference Road Safety in Local Community*, Knjiga 2, pp. 461-467, Zaječar, Srbija, 9-11. April, 2014.
109. Čičević, S., Vožni, V., **Trifunović, A.**, Vujanić, M. (2014). Poređenje teorijskog znanja vozača u Srbiji po regionima. *Proceedings of IX International Conference Road Safety in Local Community*, Knjiga 2, pp. 413-419, Zaječar, Srbija, 9-11. April, 2014.
110. Milenković, M., Maslač, M., **Trifunović, A.** (2014). Uticaj korišćenja mobilnih telefona na ponašanja pešaka prilikom prelaska ulice na nesignalisanim raskrscima. *Proceedings of IX International Conference Road Safety in Local Community*, pp. 143-149, Zaječar, Srbija, 9-11. April, 2014.
111. **Trifunović, A.**, Vujanić, M., Pešić, D., Čičević, S., Čubranić-Dobrodolac, M. (2014). Značaj percepcije boja i prostornih sposobnosti dece predškolskog uzrasta sa aspekta bezbednosti saobraćaja. *Proceedings of IX International Conference Road Safety in Local Community*, Knjiga 2, pp. 473-478, Zaječar, Srbija, 9-11. April, 2014.
112. **Trifunović, A.**, Čičević, S., Samčović, A., Nešić M. (2014). Primena tablet tehnologije u savlađivanju reči engleskog jezika. *Zbornik radova sa XIX naučno - stručnog skupa - Informacione tehnologije- sadašnjost i budućnost*, pp., 92-96, Zabljak, 24-28. 2. 2014., Univerzitet Crne Gore, Elektrotehnički fakultet.
113. Čičević, S., Nešić, M., Samčović, A., & **Trifunović, A.** (2013). Evaluation of Mobile Touch-Screen Devices as Media for Reaction Time Measurement. *International Conference on Applied Internet and Information Technologies ICAIIT 2013*, pp. 350-356, Zrenjanin, october 25, 2013, University of Novi Sad, Technical Faculty "Mihajlo Pupin".
114. Pešić, D., **Trifunović, A.**, Vožni, V. (2013). Zakonska odgovornost u slučaju sudara vozila i pešaka na auto-putu. *Zbornik radova, XII Simpozijum, Veštačenje saobraćajnih nezgoda i prevare u osiguranju*, pp. 214-218, Divčibare 24-27. 10. 2013.
115. Pešić, D., Vožni, V., **Trifunović, A.** (2013). Ispitivanje nivoa znanja učesnika u saobraćaju sa posebnim osvrtom na znanja stečena u auto-školama. *Zbornik radova, II Stručni seminar sa međunarodnim učešćem bezbednost saobraćaja u lokalnoj zajednici*, pp.165-172, Banja Luka, 31. oktobar i 01. novembar 2013.
116. Čičević, S., Pešić, D., Antić, B., **Trifunović, A.** (2013) Znanje dece predškolskog uzrasta o osnovnim saobraćajnim pojmovima. *Zbornik radova, II Stručni seminar sa međunarodnim učešćem bezbednost saobraćaja u lokalnoj zajednici*, pp.172-180, Banja Luka, 31. oktobar i 01. novembar 2013.
117. Čičević, S., **Trifunović, A.** (2013). Nonverbal tests in predicting maturity of preschool children for participation in traffic situations/ Neverbalni testovi u predviđanju zrelosti dece mlađeg predškolskog uzrasta za učestvovanje u saobraćaju. In *Proceedings of The VIII International Conference Road Safety in Local Community*, pp. 149-154, April 18- 20, 2013, Valjevo, Divčibare, Serbia.
118. Vožni, V., **Trifunović, A.**, Lenhardt, L., Dakić, I. (2013). Obrazovanje učesnika u saobraćaju sa osvrtom na znanja stečena u auto školama. In *Proceedings of The VIII International Conference Road Safety in Local Community*, CD, April 18- 20, 2013, Valjevo, Divčibare, Serbia.

119. Čičević, S., **Trifunović, A.**, Samčović, A., & Nešić, M. (2013). Preliminary Experiences with a Tablet PC Based Learning. *The 8 th International Conference on Virtual Learning Virtual Learning – Virtual Reality, Models & Methodologies, Technologies, Software Solutions*, Phase II - Period 2010-2020: e-Skills for the 21st Century, ICVL 2013, pp. 211-218, October 25-26, 2013, Bucharest University Press.

120. Čičević, S., **Trifunović, A.**, Nešić, M. & Samčović, A. (2013). Perception and Attitudes Towards Digital Billboards. *11th International Conference on Telecommunications in Modern Satellite, Cable and Broadcasting Services*, Serbia (TELSIKS), pp. 619-622, Niš, 16-19 October, 2013, Institute of Electrical and Electronics Engineers (IEEE), and Faculty of Electronic Engineering, University of Niš, Serbia.

• **Press releases from international meetings printed in excerpt**

121. Čičević, S., **Trifunović, A.**, Lazarević, D., Dragović, M., Nešić, M. (2019). Rethinking the Role Of Technology And Pedagogical Practices In Engineering Education, Science and Contemporary University – NISUN 9, Филозофски факултет Универзитета у Нишу, pp. 68 - 69, isbn: 978-86-7379-517-1, Niš, 9. - 9. Nov, 2019.

122. Dragović, M., Čučaković, A., Bogdanović, J., Čičević, S., **Trifunović, A.** (2019). Geometrijski proporcijski model crkve manastira Ljubostinja. Knjiga apstrakata – Prva međunarodna konferencija SMARTART umetnost i nauka u primeni. Izdavač: Fakultet primenjenih umetnosti, Univerzitet umetnosti u Beogradu, Srbija, 91-92. ISBN 978-86-80245-38-6

123. **Trifunović, A.**, Čičević, S., Nešić, M., Dragović, M. (2018). The Usage of Tablet PC to Support Young Childrens' Geometric Shapes Recognition. Abstract Book, 14th International Conference Days of Applied Psychology 2018, Niš, Serbia, September 28th-29th 2018. Pp. 17-18. ISBN 978-86-7379-482-2.

124. Dragović, M., Čučaković, A., Čičević, S., **Trifunović, A.**, Duta, A. (2018). Additional motivation in education: Contemporary geometric analyzes of cultural heritage monuments. In Proceedings of the Second National Student Scientific Conference with International Participation Multidisciplinary Approach to Contemporary Research, 24 - 25 November 2018.

125. Dragović, M., Čičević, S., Čučaković, A., **Trifunović, A.**, & Gramić, F. (2017). Positive impact of 3D CAD models employment in DG education. In Proceedings of 24th Conference Geometry, Graphics, Computer (pp. 22-23). Silesian University of Technology-Geometry and Engineering Graphic Centre, Gliwice.

126. **Trifunović, A.**, Čičević, S., Dragović, M., Dobrodolac, M., Lazarević, D. (2017). Do New Technologies Lead to Culture-Fairness in Testing and Education of Children. Multidisciplinary approach to cultural heritage, modern materials and technologies. Central Institute for Conservation, pp. 18, Belgrade, Serbia.

127. Dragović, M., Čučaković, A., Čičević, S., Jevtić Novaković, K., **Trifunović, A.** (2016). Augmented Reality Application in Engineering Students Spatial Abilities Assessment. *Third International Conference Modern Methods of Testing and Evaluation in Science*. pp. 18, 24-25th December 2016 in Belgrade. ISBN: 978-86-918415-2-2

128. Čičević, S., **Trifunović, A.**, Nešić, M. (2014). Multimedial approach for language learning. *The second cognitive science symposium COGSCI*, pp. 11-12, 3rd and 4th May, 2014, Center for Cognitive Sciences - University of Niš.

129. Čičević, S., **Trifunović, A.**, Čubranić-Dobrodolac, M., Nešić, M. (2014). Polne razlike u proceni brzine kretanja vozila. *Nauka i savremeni univerzitet NISUN 4*, pp. 75-76, 15. 11. 2014., Filozofski fakultet Univerzitet u Nišu.

130. Čičević, S., **Trifunović, A.**, Nešić, M. (2013). Kako studenti opažaju ulogu univerziteta u ekonomiji znanja. *Nauka i savremeni univerzitet*. pp. 230 – 231, novembar 2013. Filozofski fakultet Univerziteta u Nišu.

131. Čičević, S., **Trifunović, A.**, Nešić, M. (2013). Merenje vremena reakcije u online eksperimentima. *IX Konferencija sa međunarodnim učešćem dani primenjene psihologije 2013, Darovitost, talenat, kreativnost/ Giftedness, Talent and Creativity*, Filozofski fakultet Univerziteta u Nišu, Departman za psihologiju, pp. 45, 27-28. Septembar 2013. Univerzitet u Nišu, Filozofski fakultet.

• **Press release from a meeting of national importance**

132. Čičević S., Dragović M., **Trifunović A.**, Lazarević D., Dobrodolac D. (2017) The use of new technological devices in testing and education of young children. In Collection of selected papers and abstracts of 1st nat. sci. and prof. conf. "Multidisciplinary approach to cultural heritage, material and technology", (pp.98-101) Central Institute for Conservation, Belgrade, Serbia. ISBN 978-86-6179-055-3.

133. Čubranić Dobrodolac, M., Čičević, S., Antić, B., Lipovac, K., **Trifunović, A.** (2015). Prikaz metrijskih karakteristika različitih verzija DBQ (Manchester Driver Behaviour Questionnaire) upitnika. *Knjiga rezimea 63. Naučno-stručni skup Sabor psihologa Srbije - Strukovni identitet psihologa i međuresorna saradnja*, Zlatibor, 27–30. maj, 2015.

134. Čičević, S., Čubranić Dobrodolac, M., **Trifunović, A.**, Lipovac, K., Antić, B. (2015). Percepcija brzine kretanja vozila – poređenje u zavisnosti od medija posmatranja. *Knjiga rezimea 63. Naučno-stručni skup Sabor psihologa Srbije - Strukovni identitet psihologa i međuresorna saradnja*, Zlatibor, 27–30. maj, 2015.

135. **Trifunović, A.**, Čičević, S., Čubranić Dobrodolac, M., Lipovac, K., Antić, B. (2015). Polne razlike u percipiranju kampanja o bezbednosti saobraćaja. *Knjiga rezimea 63. Naučno-stručni skup Sabor psihologa Srbije - Strukovni identitet psihologa i međuresorna saradnja*, Zlatibor, 27–30. maj, 2015.

136. Čičević, S., Marković, M., Jocić, D., Obradović, F., Čubranić-Dobrodolac, M., Lipovac, K., **Trifunović, A.** (2014). Uticaj posmatranja agresivnih scena na sklonost ka agresivnom ponašanju mladih vozača. *Knjiga rezimea 62. Naučno-stručni skup psihologa Srbija, Profesionalni razvoj psihologa*, Zlatibor, 28- 31.05.2014. pp. 94.

137. Čubranić-Dobrodolac, M., Čičević, S., Lipovac, K., Boris Antić, B., **Trifunović, A.** (2014). Odnos između elemenata puteva i percepcije rizika vozača. *Knjiga rezimea 62. Naučno-stručni skup psihologa Srbija, Profesionalni razvoj psihologa*, Zlatibor, 28- 31.05.2014. pp. 96.

138. Čubranić-Dobrodolac, M., Čičević, S., Lipovac, K., **Trifunović, A.** (2014). Sklonost ka preuzimanju rizika u vožnji mladih vozača. *Knjiga rezimea 62. Naučno-stručni skup psihologa Srbija, Profesionalni razvoj psihologa*, Zlatibor, 28- 31.05.2014. pp. 95.

139. Čičević, S., Čubranić-Dobrodolac, M., **Trifunović, A.**, Milenković, M., Vožni, V. (2014). Novi pristup testiranju prepoznavanja prostornih relacija predškolske dece u funkciji bezbednosti saobraćaja. *Knjiga rezimea 62. Naučno-stručni skup psihologa Srbija, Profesionalni razvoj psihologa*, Zlatibor, 28- 31.05.2014. pp.93.

140. **Trifunović, A.**, Đurić, B., Stevanović, D., Čičević, S. (2014). Merenje sadržaja izduvnih gasova oto motora na teritoriji grada Kragujevca. *SYM-OP-IS 2014, Simpozijum o operacionim istraživanjima*, Divčibare, 16-19. 09. 2014. pp. 622-628.

• **National journal**

141. Ivanišević, T., Trifunović, A., Čičević, S., & Simović, S. (2023). Assessment of stimulus distance during driving. *Journal of Road and Traffic Engineering*, 69(3), 39-42. <https://doi.org/10.31075/PIS.69.03.06>

142. Petrović, M., Malešević, B., Trifunović, A., Lazarević, D., & Milošević, M. (2023). Hugelšeferova jajasta kriva kao nova tranziciona kriva pri dizajniranju puteva. *Journal of Road and Traffic Engineering*, 69(2), 41-50.

143. Trifunović, A., Petrović, M., Pešić, D., & Čičević, S. (2022). Kako deca procenjuju brzinu kretanja vozila u 3D okruženju?. *Journal of Road and Traffic Engineering*, 68(4), 49-52.

144. Ivanisevic, T., Trifunović, A., Čičević, S., Ivković, I., Pešić, D., Simović, S., & Vukšić, V. (2022). Procena brzine kretanja motocikla u zavisnosti od (ne) upotrebe dnevnih svetala. *Journal of Road and Traffic Engineering*, 68(3), 55-58.

145. Ivanisevic, T., **Trifunović, A.**, Čičević, S., Ivković, I., Pešić, D., Simović, S., & Vukšić, V. (2022). Estimation of motorcycle movement speed, by traffic participants, depending on the (not) use of daytime lights. *Journal of Road and Traffic Engineering*, 68(3), 55-58. <https://doi.org/10.31075/PIS.68.03.08>

146. Žunjić, A., Manojlović, U., Čičević, S., & **Trifunović, A.** (2022). Evaluation of the usability of certain symbols indicating automobile lighting status. *Journal of Road and Traffic Engineering*, 68(3), 19-22.

147. Kocić, A., Stanković, S., Čičević, S., Čelar, N., Kajalić, J., & **Trifunović, A.** (2021). Flashing green signal effects on drivers' behavior. *Put i Saobraćaj*, 67(1), 31-36. <https://doi.org/10.31075/PIS.67.01.04>

148. Ivanišević, T., **Trifunović, A.**, Simović, S., & Čičević, S. (2021). The importance of using a retroreflective vest for the E-bicycle speed perception. *Put i Saobraćaj*, 67(3), 39-42. <https://doi.org/10.31075/pis.67.03.07>

149. **Trifunović, A.**, Pešić, D., & Antić, B. (2020). Children behavior when crossing the street at a traffic playground - experimental study. *Put i Saobraćaj*, 66(2), 47-51. <https://doi.org/10.31075/PIS.66.02.08>

150. **Trifunović, A.**, Lazarević, D., Čičević, S., Vidović, N., & Mošić, M. (2019). Effect of 3D visual markings on driver perception and behavior. *Put i Saobraćaj*, 65(3), 47-52. <https://doi.org/10.31075/PIS.65.03.06>, ISSN 0478-9733

151. Đurić, B., Mošić, M., & **Trifunović, A.** (2019). The research on the environmental impact of buses and engines powered by compressed natural gas. *Put i Saobraćaj*, 65(1), 43-49. <https://doi.org/10.31075/PIS.65.01.07>, ISSN 0478-9733

152. Đurić, B., **Trifunović, A.**, Čičević, S., Josić, A., Stokić, I. (2018). Merenje emisije buke motornih vozila na teritoriji grada Kragujevca. *Put i Saobraćaj*, 64(1), 61-66. <https://doi.org/10.31075/PIS.64.01.08>, ISSN 0478-9733

153. **Trifunović, A.**, Antić, B., Pešić, D., Čičević, S. (2017). Ocenjivanje okoline puta od strane mladih vozača sa aspekta bezbednosti saobraćaja. *Put i saobraćaj*, 63(1), 45-52. ISSN 0478-9733

154. Čičević, S., **Trifunović, A.**, Milenković, M. (2015). Ispitivanje znanja i ponašanja vozača o pravilima koja važe na kružnim raskrsnicama. *Put i saobraćaj*, 61(2), 59-65.

155. Čičević, S., **Trifunović, A.** (2014). Poznavanje osnovnih elemenata puta i ponašanje u saobraćaju dece iz urbane i ruralne sredine. *Put i saobraćaj*, 60(2), pp. 53-57.

156. Čičević, S., Glavić, D., & **Trifunović, A.** (2013). Perceptions and attitudes of drivers towards digital billboards/ Percepcija i stavovi vozača prema digitalnim bilbordima. *Put i saobraćaj*, 59(3), pp. 13-20.

157. Čičević, S., & **Trifunović, A.** (2013). User attitudes towards electronic toll collection systems. *Put i saobraćaj*, 59(1), pp. 57-62.

• Projects and studies

1. "Conceptual project of the state road of the IA "Vožd Karađorđe". Public Enterprise "Roads of Serbia", 2024.
2. "The project for the construction of the highway Tetovo-Kičevo". Ministry of Republic of North Macedonia. 2023.
3. "Development of a methodology for determining the readiness of children for independent safe participation in traffic". Traffic Safety Agency - the Ministry of the Republic of Serbia. 2022.
4. "Software development and national database for the strategic management of transport and infrastructure in road, rail air and water transport using European transport network models". The Ministry of Education, Science and Technological Development of the Republic of Serbia. 2018 - (in the process);
5. "Traffic safety strategy of the Republic of Serbia for the period from 2022 to 2030. Traffic Safety Agency - the Ministry of the Republic of Serbia. 2021-2022
6. "General project and preliminary study of justification of the state road of the IA "Vožd Karađorđe". Public Enterprise "Roads of Serbia", 2021-2022
7. "Planning and design of the passenger taxi system in Belgrade for the period from 2020 to 2024". City of Belgrade - City Administration of the City of Belgrade - Secretariat for Public Transport. University of Belgrade – Faculty of Transport and Traffic Engineering. 2020;
8. "Feasibility study of the system of distribution and supplementation of devices for ETC (Electronic Toll Collection) on the highway of Serbia". JPPS / Mihajlo Pupin Institute. University of Belgrade – Faculty of Transport and Traffic Engineering. 2020;
9. "Development of a professional training program for RSI and RSA". Traffic Safety Agency, Republic of Serbia. S-Project, AMSS-CMV, University of Belgrade – Faculty of Transport and Traffic Engineering. 2017;
10. "Analysis of the educational needs of preschool children and children of younger school age with the development of educational material". Traffic Safety Agency, Republic of Serbia. University of Belgrade – Faculty of Transport and Traffic Engineering. 2015;
11. "Assessment of knowledge, attitudes and behaviour and psychological profile of drivers whose driver's license has been revoked, with an analysis of the current process and a proposal for measures for improvement". Traffic Safety Agency, Republic of Serbia. University of Belgrade – Faculty of Transport and Traffic Engineering. 2015.

• Inventions and patents

1. **Trifunović, A., Lazarević.** *System for Informing Drivers of Motor Vehicles about Recommended Vehicle Speeds Based on Vehicle Category, Wind Direction, and Intensity.* (2023). B60S 3/04 - MP-2023/0036, Legal status: In progress.
2. **Trifunović, A., Lazarević, D., Pešić, D., Čičević, S.** *Passive Barrier for Improving Traffic Safety.* (2023). B60S 3/04 - MP-2023/0063, Legal status: In progress.
3. **Trifunović, A., Lazarević, D., Pešić, D., Čičević, S.** *Device for cleaning dirt from the tires of a tractor.* (2023). B60S 3/04 - MP-2022/0075, Legal status: Registered.
4. **Trifunović, A., Lazarević, D., Pešić, D., Čičević, S.** *Device for cleaning dirt from the tires of propulsion-traction machines.* (2022). B60S 3/04 - MP-2021/0066, Legal status: Registered.