

29.08.2022.

ПОДАЦИ О МЕНТОРУ:

Име и презиме ментора: **др Далибор Пешић**

Звање: **редовни професора Универзитета у Београду - Саобраћајног факултета**

Име и презиме ментора: **др Радомир Мијаиловић**

Звање: **редовни професора Универзитета у Београду - Саобраћајног факултета**

Списак радова који квалификују ментора (др Далибора Пешића) за вођење докторске дисертације:

Међународни часопис изузетних вредности (M21a)

1. Petrović, Đ., Mijailović, M.R., **Pešić, D.** (2022). Persons with physical disabilities and autonomous vehicles: The perspective of the driving status, *Transportation Research Part A*, 164, pp. 98–110, ISSN: 0965-8564, (IF₂₀₂₁=6,615)
2. 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), ISSN: 2227-7390, (IF₂₀₂₁=2,592)
3. Tesic, M., Hermans, E., Lipovac, K., **Pesic, D.** (2018). Identifying the most significant indicators of the total road safety performance index. *Accident Analysis and Prevention*, Vol. 113, pp. 263-278, ISSN: 0001-4575, (IF₂₀₁₈=3,058)
4. Rosic, M., **Pesic D.**, Kukic D., Antic B., Bozovic M. (2017). Method for selection of optimal road safety composite index with examples from DEA and TOPSIS method, *Accident Analysis and Prevention*, Vol. 98, pp. 277-286, ISSN: 0001-4575, (IF₂₀₁₇=2,584)
5. Trifunović, A., **Pešić, D.**, Čičević, S., Antić, B. (2017). The importance of spatial orientation and knowledge of traffic sign for children's traffic safety, *Accident Analysis and Prevention*, Vol. 102, pp. 81-92, ISSN: 0001-4575, (IF₂₀₁₇=2,584)
6. Jevtić, V., Vujanić, M., Lipovac, K., Jovanović, D., **Pešić, D.** (2015). The relationship between the travelling speed and motorcycle styles in urban settings: A case study in Belgrade, *Accident Analysis and Prevention*, Vol. 75, pp. 77-85, ISSN 0001-4575, (IF₂₀₁₅=2,070)

Врхунски међународни часопис (M21)

7. Mijailović, R., Marković, N., **Pešić, D.**, Vlajić, J.V. (2019). Evaluation of scenarios for improving energy efficiency and reducing exhaust emissions of a passenger car fleet: A methodology, *Transportation Research Part D: Transport and Environment* 73, pp. 352-366, ISSN: 1361-9209, (IF₂₀₁₉=4,577)
8. Kukić, D., Lipovac, K., **Pešić, D.**, Rosić, M. (2016). The differences of road safety performance of countries based on outcome indicators, *Safety Science*, Vol. 89, pp. 279-287, ISSN: 0925-7535, (IF₂₀₁₆=2,246)
9. **Pešić, D.**, Antić, B., Glavić, D., Milenković, M. (2016): The effects of mobile phone use on pedestrian crossing behaviour at unsignalized intersections – models for predicting unsafe pedestrians behaviour, *Safety Science*, Vol. 82, pp. 1-8, ISSN: 0925-7535, (IF₂₀₁₆=2,246)
10. Kukić, D., Lipovac, K., **Pešić, D.**, Vujanić, M. (2013). Selection of a relevant indicator – Road casualty risk based on final outcomes. *Safety Science*, Vol. 53(1), pp. 165-177, ISSN: 0925-7535, (IF₂₀₁₃=1,672)
11. Antić, B., **Pešić, D.**, Vujanić, M., Lipovac, K. (2013). The influence of speed bumps heights to the decrease of the vehicle speed – Belgrade experience. *Safety Science*, Vol. 57, pp. 303-312, ISSN: 0925-7535, (IF₂₀₁₃=1,672)

Истакнути међународни часопис (M22)

12. 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, pp. 47-57, ISSN: 1369-8478, (IF₂₀₂₁=4,349)
13. Vujanić, M., Antić, B., **Pešić, D.**, Savićević, M. (2016). Testing the psychophysical characteristics of professional drivers—Can we identify unsafe drivers?, *Transportation Research Part F: Traffic Psychology and Behaviour* 42, pp. 104-116, ISSN: 1369-8478, (IF₂₀₁₆=1,830)
14. Antić, B., **Pešić, D.**, Milutinović, N., Maslač, M. (2016). Pedestrian behaviours: validation of the Serbian version of the pedestrian behaviour scale, *Transportation Research Part F: Traffic Psychology and Behaviour* 41, pp. 170-178, ISSN: 1369-8478, (IF₂₀₁₆=1,830)

Међународни часопис (M23)

15. Petrović, Đ, **Pešić, D.**, Mijailović, M.R., Milošević, B. (2022). Modelling participation in road accidents of drivers with disabilities who use hand controls, *Journal of Transportation Safety & Security*, in press, ISSN: 1943-9962, (IF₂₀₂₁=2,825)
16. Petrović, Đ., Mijailović, R., **Pešić, D.** (2022). How to improve the inclusion of drivers with disabilities? Measures to enhance accessibility, mobility, and road safety, *Journal of Transportation Engineering, Part A: Systems*, 148 (10), 04022073, ISSN: 2473-2907, (IF₂₀₂₁=1,930)
17. Todosijević, B., **Pešić, D.**, Antić, B., Lipovac, K., Filipović, F. (2022). Combining Traffic Safety Exposure Indicators in a Composite Exposure Index, *Promet-Traffic&Transportation* 34 (3), pp. 421-430, ISSN: 0353-5320, (IF₂₀₂₁=0,909)
18. Božović, M., **Pešić, D.**, Davidović, J., Antić, B., Simeunović, M. (2022). Traffic Safety Impact Factors Related to Changing the Vehicles Among Drivers in Closed Systems, *Promet-Traffic&Transportation* 34 (3), pp. 421-430, ISSN: 0353-5320, (IF₂₀₂₁=0,909)
19. Trifunović, A., **Pešić, D.**, Čičević, S. (2022). Experimental Study: Children's Perceptions Expressed Through Drawings and Coloring, *Perceptual and Motor Skills*, 129(4), pp. 1151–1176, ISSN: 0031-5125, (IF₂₀₂₁=2,212)
20. 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*, in press, ISSN: 0361-1981, (IF₂₀₂₁=2,019)
21. Grdinić-Rakonjac, M., Antić, B., **Pešić, D.**, Pajković, V. (2021). Construction of road safety composite indicator using Grey relation analysis, *Promet-Traffic&Transportation* 33 (1), pp. 103-116, ISSN: 0353-5320, (IF₂₀₂₁=0,909)
22. Petrović, T.Đ., **Pešić, R.D.**, Petrović, M.M., Mijailović, M.R. (2020). Electric cars – are they solution to reduce CO2 emission?, *Thermal Science*, 24 (5A), pp. 2879-2889, ISSN: 0354-9836 (IF₂₀₂₀=1,625)
23. Anđelić, S., Čolaković, G., Lipovac, K., **Pešić, D.**, Plemić, Ž., Smailović, E. (2020). Comparative analysis of injury severity caused by traffic accidents classified as severe injury in police database vs. MAIS 3+ injury in hospital database—first pilot research in Serbia, *Signa Vitae* 16(1), pp. 1-12, ISSN: 1334-5605, (IF₂₀₂₀=0,630)
24. Injac, Z., Vujanić, M., **Pešić, D.**, Antić, B. (2019). Predictors and Motivation for Seat Belt Use—A Case Study in Bosnia and Herzegovina, *Promet-Traffic&Transportation* 31 (3), pp. 355-366, ISSN: 0353-5320, (IF₂₀₁₉=0,664)

25. **Pešić, D.**, Antić, B., Smailović, E., Marković, N. (2019). Driving under the influence of alcohol and the effects of alcohol prohibition—Case study in Serbia, *Traffic Injury Prevention* 20 (5), pp. 467-471, ISSN: 1538-9588, (IF₂₀₁₉=1,380)
26. Smailović, E., Lipovac, K., **Pešić, D.**, Antić, B. (2019). Factors associated with driving under the influence of alcohol, *Traffic Injury Prevention* 20 (4), pp. 343-347, ISSN: 1538-9588, (IF₂₀₁₉=1,380)
27. Vujanic, M., **Pesic, D.**, Antic, B., Markovic, N. (2018). A Selection and Assessment of the Relevant Data for Reducing the Number of Red-Light Running. *Transport*, Vol. 33(1), pp. 268-279, ISSN: 1648-4142 (IF₂₀₁₈=1,524)
28. Vujanić, M., Savićević, M., Antić, B., **Pešić, D.** (2016). Safety Effectiveness of Converting Conventional Intersections to Roundabouts: Case Study in the City of Niš, *Promet –Traffic & Transportation* 28(5), pp. 529-537 ISSN: 0353-5320, (IF₂₀₁₆=0,430)
29. Marković, N., **Pešić, D.**, Antić, B., Vujanić, M. (2016). The analysis of influence of individual and environmental factors on 2-wheeled users' injuries, *Traffic Injury Prevention* 17(6), pp. 610-617, ISSN: 1538-9588, (IF₂₀₁₆=1,290)
30. **Pešić, D.**, Antić, B., Brčić, D., Davidović, J. (2015). Driver's attitudes about the impact of caffeine and energy drinks on road traffic safety, *Promet*, Vol. 27(3), pp. 267-278, ISSN: 1848-4069, (IF₂₀₁₅=0,509)
31. **Pešić, D.**, Vujanić, M., Lipovac, K., Antić, B. (2013). New method for benchmarking traffic safety level (BTSL) for the territory. *Transport*, Vol. 28(1), pp. 69-80, ISSN 1648-4142 (Print), 1648-3480 (Online), (IF₂₀₁₃=0,529)

Списак радова који квалификују ментора (др Радомира Мијаиловића) за вођење докторске дисертације:

Међународни часопис изузетних вредности (M21a)

1. Petrović, Đ., **Mijailović, M.R.**, Pešić, D. (2022). Persons with physical disabilities and autonomous vehicles: The perspective of the driving status, *Transportation Research Part A*, 164, pp. 98–110, ISSN: 0965-8564, (IF₂₀₂₁=6,615)
2. Jakovljević, I., **Mijailović, R.**, Mirosavljević, P. (2018). Carbon dioxide emission during the life cycle of turbofan aircraft, *Energy*, 148, pp. 866-875, ISSN: 0360-5442, (IF₂₀₁₈=5,537)
3. **Mijailović, R.** (2013). The optimal lifetime of passenger cars based on minimization of CO₂ emission, *Energy*, 55, pp. 869-878, ISSN: 0360-5442, (IF₂₀₁₃=4,159)

Врхунски међународни часопис (M21)

4. **Mijailović, R.**, Marković, N., Pešić, D., Vlajić, J.V. (2019). Evaluation of scenarios for improving energy efficiency and reducing exhaust emissions of a passenger car fleet: A methodology, *Transportation Research Part D: Transport and Environment* 73, pp. 352-366, ISSN: 1361-9209, (IF₂₀₁₉=4,577)
5. Vlajić, J., **Mijailović, R.**, Bogdanova, M. (2018). Creating loops with value recovery: empirical study of fresh food supply chains, *Production Planning & Control*, 29 (06), pp. 522-538, ISSN: 0953-7287, (IF₂₀₁₈=3,340)

Међународни часопис (M23)

6. Petrović, Đ., **Mijailović, R.**, Pešić, D. (2022). How to improve the inclusion of drivers with disabilities? Measures to enhance accessibility, mobility, and road safety, *Journal of Transportation Engineering, Part A: Systems*, 148 (10), 04022073, ISSN: 2473-2907, (IF₂₀₂₁=1,930)

7. Petrović, Đ., Pešić, D., **Mijailović, M.R.**, Milošević, B. (2022). Modelling participation in road accidents of drivers with disabilities who use hand controls, Journal of Transportation Safety & Security, in press, ISSN: 1943-9962, (IF₂₀₂₁=2,825)
8. Petrović, T.Đ., Pešić, R.D., Petrović, M.M., **Mijailović, M.R.** (2020). Electric cars – are they solution to reduce CO2 emission?, Thermal Science, 24 (5A), pp. 2879-2889, ISSN: 0354-9836 (IF₂₀₂₀=1,625)
9. Petrović, M., Malešević, B., Štulić, R., Vučić, M., Petrović, Đ., **Mijailović, R.** (2019). A Focal Curves' Approximation of a Borromini Oval, Nexus Network Journal, 21 (1), pp. 19-31, ISSN: 1590-5896, (IF₂₀₁₉=0,333)

Обавештавамо вас да је **Наставно – научно веће Универзитета у Београду – Саобраћајног факултета**
(назив надлежног тела факултета)

на седници одржаној **18.10.2022.** размотрило предложену тему и закључило да је тема подобна за израду докторске дисертације јер садржи оригиналну идеју и да је од значаја за развој науке, примену њених резултата, односно развој научне мисли уопште.

ДЕКАН ФАКУЛТЕТА

Проф. др Небојша Бојовић

- Прилог
1. Одлука Наставно-научног већа о прихватању теме и одређивању ментора
 2. Извештај Комисије о оцени научне заснованости теме докторске дисертације