

Section: **Road Infrastructure and Safety**

Chairs: **Dario Babić, Ph.D.**



Paper title	Authors	Presentation time
Influence of Roadside Safety Barriers on Available Sight Distance	Ivica Stančerić, Igor Majstorović, Željko Stepan, Šime Bezina	14:00 - 14:15
A New Reliable and Easily Applicable Approach to Establish a Road Crash Barriers Maintenance Priority	Matteo Rossi	14:15 - 14:30
The Role of Dowel Geometric Properties in Load Transfer: A Shear Force Perspective for Jointed Plain Concrete Pavements	Ali Pirdavani, Kaz Eykelberg, Jona Hayen, Warre Vandikkelen	14:30 - 14:45
Damage to Glass Beads in Road Markings Caused by the Exposure to Traffic	Darko Babić, Gabrijela Ivanjko, Dario Babić, Tomasz E. Burghardt	14:45 - 15:00
Optimization of Geometry and Material Properties in Jointed Plain Concrete Pavement (JPCP)	Ali Pirdavani, Tinne Bollen, Senne Ools, Stigg Verheyen	15:00 - 15:15
Rethinking Sidewalk Usability: Between Design Standards and Real Pedestrian Needs	Jelica Komarica, Ana Trpković, Draženko Glavić	15:15 - 15:30
Optimization of Flexible Pavements Geometry Considering Fatigue and Rutting Distresses	Ali Pirdavani, Bram Huybrecht, Bram Truyers, Thomas Van de Velde	15:30 - 15:45
Evaluating Dynamic Speed Feedback Signs at Roundabouts in Rural-to-urban Transition Areas on Rural Highways and Freeway Exit Ramps	Magdalena Cavka, Myles Overall, Sakar Pahari, Timothy Gates	15:45 - 16:00

COFFEE BREAK

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Analysis of the Impact of Different Bicycle Infrastructure Designs on Cyclist–motor Vehicle Interactions on Local Roads	Ali Pirdavani, Stijn Jamaer, Hubert Skorupa	16:30 - 16:45
Use of Recycled Waste Plastics in Modified Asphalt Binders	Gabriela Sidorinová, Otakar Vacín	16:45 - 17:00
Steering Wheel Angle Analysis in Evasive Maneuvers	Michal Frydrýn, Tomáš Kohout, Luboš Nouzovský, Pavel Vrtal, Zdeněk Svatý	17:00 - 17:15
Analysis of Contributing Factors Influencing Pedestrian Crash Severity: A Case Study in Rome, Italy	Giuseppe Cappelli, Sofia Nardoianini, Mauro D'Apuzzo, Vittorio Nicolosi	17:15 - 17:30
Identification and Ranking of High-risk Road Segments and Intersections in the Municipality of Bačka Palanka	Boško Matović, Milanko Damjanović, Vladimir Ilić, David Gruhonjić, Vuk Bogdanović	17:30 - 17:45
Use of Hybrid Data Collection in Traffic Accident Analysis	Tomáš Blodek, Pavel Vrtal, Zdeněk Svatý, Tomáš Mičunek	17:45 - 18:00
Literature Overview of Road Marking Performance with Emphasis on Application Technique and Used Materials	Vanna Boroša, Darko Babić, Mario Fiolić, Marija Ferko	18:00 - 18:15
Spatio-temporal Variations of Night-time Road Crashes: Are Night-time Lights a Reliable Indicator?	František Kekula, Bernard Kosovec, Karel Kocián, Pavel Hrubeš	18:15 - 18:30