ТРЕТ МАКЕДОНСКИ КОНГРЕС ЗА ПАТИШТА 2025

THIRD MACEDONIAN ROAD CONGRESS 2025

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ПРОГРАМА / PROGRAMME

Среда / Wednesday, 5.11.2025	
17:00-20:00	**Пристигнување и регистација на учесници / Arrival and participant registration**

Четврток / Thursday, 6.11.2025	
08:00-09:00	**Регистрација на учесници / Participant registration**
09:30-10:55	Свечено отварање / Opening ceremony - Интонација на химна на Македонија, УКИМ и Студентска / national anthem - **Проф. д-р Горан Мијоски** (Претседател на ДПМ / President of MARE) - **Проф. д-р Јосиф Јосифовски** (Декан на ГФ / Dean of FCE) - **М-р Дејан Метикош** (Претседател на КОАИ / President of CCACERM) - **Коце Трајановски** (Директор на ЈПДП / Director of PESR) - **M. Sc. Slovenko Henigman** (Потпретседател на ЕАПА / Vice President of EAPA) - **Проф. д-р Билјана Ангелова** (Ректор на УКИМ – Rector of Ss Ciryl and Methodius University) - **Проф. д-р Живко Попов** (Претседател на МАНУ – President of Macedonian Academy of Science and Arts) - **Н.Е. Љупчо Димовски** (Заменик Претседател на Владата на Македонија / Deputy President of the Macedonian Government) - **Проф. д-р Горан Мијоски,** Воведно предавање / Introductory Lecture - Маестро **Симон Трпчевски**, Пијано концерт / Maestro Piano Concert
10:55-11:25	**Кафе пауза и изјави за медиуми / Coffee break and press statements**
Прва сесија, Повикани предавања, Презентации и Презентација од генерален спонзор / First session, Invited Lectures, Presentations and General Sponsor Presentation ***[Diamond Ball Room]***	
11:25-11:45	**Slobodan Mickovski** Soil and water bioengineering in transportation geotechnics
11:45-12:05	**Goran Mladenovic** Application of artificial intelligence methods in pavement management systems
12:05-12:25	**Osman Lindov** The role of AI across the life cycle of road infrastructure
12:25-12:40	**Goran Mijoski, Stepan Bohus, Zoran Misajleski** Performance of GlasGrid® asphalt reinforcement in the Macedonian road network
12:40-13:00	**UNIPROMET Cacak, General Sponsor**
13:00-13:20	**Кафе пауза / Coffee Break**
Втора сесија, Повикани предавања, Презентации од платинести спонзори / Second session, Invited Lectures, Platinum Sponsors Presentations ***[Diamond Ball Room]***	
13:20-13:40	**Slovenko Henigman** Asphalt industry in Republic of Slovenia
13:40-14:00	**Igor Ruttmar** Design of asphalt pavements rehabilitation on different road categories
14:00-14:15	**ADFORS – Saint Gobain**
14:15-14:30	**BIM – Sv. Nikole**
14:30-15:30	**Ручек / Lunch**
Трета сесија, Повикани предавања, Презентации и Презентации од платинести спонзори / Third session, Invited Lectures, Presentations and Platinum Sponsors Presentations ***[Diamond Ball Room]***	
15:30-15:50	**Zoran Kenjić** How to design safe roads tailored to people

15:50-16:10	**Ivana Nedevska Vasilevska, Davor Miljkovikj, Panche Grkov** Global economic changes and the essential need for a price correction mechanism in FIDIC Contracts (Red Book)
16:10-16:25	**Selma Kenjić-Zgodić** Preservation of the natural environment and optimization of environmental measures during the implementation of infrastructure projects
16:25-16:40	**Jovan Bojović** Impact of Electric Vehicles on the Performance of Steel Road Restraint Systems
16:40-16:55	**HUESKER**
16:55-17:10	**JUPITER 05**
17:10-17:25	**Кафе пауза / Coffee Break**
Четврта сесија, Повикани предавања, Презентации и Презентации од платинести спонзори / Fourth session, Invited Lectures, Presentations and Platinum Sponsors Presentations ***[Diamond Ball Room]***	
17:25-17:45	**Luka Krnic** Use of Warm mix asphalt with reclaimed asphalt pavement in Croatia
17:45-18:00	**Ehsan Bordbar, July Jaramillo, Thomas Hasslacher** Application of geosynthetics reinforced soil in road construction
18:00-18:15	**Zoran Kenjić, Goran Mijoski** COMPARATIVE ANALYSIS OF MACEDONIAN AND DUTCH MOTORWAY DESIGN GUIDELINES
18:15-18:30	**Sheranie van Hassel, Bart Helincks** THE CYCLING INFRASTRUCTURE IN THE NETHERLANDS
18:30-18:45	**SMA**
18:45-19:00	**ACO**
19:00-21:00	**Слободно време / Free Time**
21:00-24:00	**Свечена вечера и забава / Gala Dinner and Party**

Петок / Friday, 7.11.2025	
Прва сесија, Повикани предавања и Презентации од платинести и златни спонзори / First session, Invited Lectures, Platinum and Gold Sponsors Presentations ***[Diamond Ball Room]***	
09:30-09:45	**Н.Е. Александар Николоски** (Заменик Претседател на Владата на Македонија и Министер за транспорт / Deputy President of the Macedonian Government and Minister of Transport)
09:45-10:05	**Juan José Potti** Road condition, much more than comfort and safety – fuel/energy consumption and emission
10:05-10:15	**Mitja Jurgele** Management System of Motorways in Slovenia
10:15-10:25	**VIATOP - JRS**
10:25-10:35	**ITERCHIMICA**
10:35-10:45	**STM**
10:45-11:00	**TCK by KIRAÇ**
Постер презентации и Кафе пауза / Poster presentations and Coffee break ***[Conference Foyer]***	
11:00-11:30	**Zlata Dolaček-Alduk, Sanja Dimter, Miroslav Bilandžija** Comparison of methods for calculating the volume of mass in earthworks execution **Ivan Micov, Dragancho Volcheski, Dushko Grozdanov, Hristijan Loshkoski** Optimization of Highway Route Selection Using Multi-Criteria Analysis: A Case Study of the Prilep–Bitola Corridor **Sanja Dimter, Tatjana Rukavina, Karolina Vukelić** Sustainable Road Construction – Experiences in the Implementation of Test Sections Using Wood Ash in Croatia **Goran Mijoski, Slavcho Micevski, Dimitar Anastasovski, Stevcho Jolakoski, Daniel Velinov** Assessment of Pavement Marking Visibility and Statistical Analysis of Retroreflective Performance

	Visar Palloshi, Goran Mijoski, Valentina Zhileska Panchovska, Aleksandar Glavinov A Comparative Study of Regional Road Rehabilitation Costs in North Macedonia **Violeta Gjeshovska, Goran Mijoski, Bojan Ilioski** Spatial distribution of precipitation in Macedonia and its impact on traffic safety **Violeta Gjeshovska, Maksimilijan Gligorov** Modern tools for generating i-T-p precipitation curves under climate change conditions **Panta Krstić, Miloš Šešlija, Dušan Kocić, Isidora Pančić** Possibilities for use of dredged sediments in road construction **Valentina Jakimovska, Goran Mijoski, Toni Jakimovski** Comparative of calculated results for traffic noise on state road A3, section Bitola – Resen **Biljana Mitreska, Ivan Angelov, Goce Bogdanoski, Aleksandar Stanojevic** Optimization of concrete mix designs for pavement constructions – laboratory evaluation of performance and cost-effectiveness **Boban Atanasoski, Peter Lipar** Sustainable urban mobility plan for Kavadarci **Slavcho Micevski, Goran Mijoski, Stevcho Jolakovski, Dimitar Anastasovski** Comparison of the quality of horizontal signaling according to EN 1436:2018 **Laste Ivanovski, Elena Angelova, Bojan Ivanovski, Radmila Mishova** Weathering of Low-Grade Metamorphic Rocks and Their Impact on the Stability of the Kichevo–Ohrid Highway Route **Igor Nikoloski, Perica Kostadinovski** HYDRAULIC ANALYSES FOR POTENTIAL PROTECTION OF HIGHWAY SLOPES **Violeta Gjeshovska, Antonio Georgievski, Bojan Ilioski** Comparative analysis of methods and hydrological models for defining road drainage waters
Втора паралелна сесија, презентаци / Second parallel session, Presentations ***[Diamond Ball Room]***	
11:30-11:45	**Marko Renčelj, Zoran Kenjić** The new Slovenian guideline for Road Safety Impact Assessment (RSIA): Methodological development and its importance
11:45-12:00	**Zoran Kenjic** Road safety audit, Standardized procedure - The Dutch experiences
12:00-12:15	**Timo Saarenketo, Jan Filipovsky** The Use of Modern Road Survey Technologies in Proactive Maintenance Management
12:15-12:30	**Tomaž Zajc, Dušan Fajfar** Road Asset Management System for the State Roads in North Macedonia
12:30-12:45	**Dušan Fajfar, Tomaž Zajc, Aleksandar Bogoevski, Andrej Anžlin** Bridge Management System for the State Roads in North Macedonia
12:45-13:00	**Petar Dragić** Application of BIM Technologies in Infrastructure Projects: A Practical Understanding
13:00-13:15	**Sanja Fric, Dejan Gavran, Vladan Ilić, Filip Trpčevski, Nikola Milovanovic** Mitigating aquaplaning in motorway inflections zones
13:15-13:30	**Roberto Impero, Stefano Maria Caterino** Weigh-in-Motion, Crash Detection, and NFC Integration: Towards a Comprehensive Smart Road System
Втора паралелна сесија, презентаци / Second parallel session, Presentations ***[Platinum Hall]***	
11:30-11:45	**Ljubomir Trajcev, Stojanche Stojanov** Bitumen Emulsion (PMBE) compared to Conventional Bitumen Emulsion
11:45-12:00	**Milorad Jovanovski, Zoran Krakutovski, Igor Peshevski** Analysis of Direct and Indirect Costs from Natural and Human induced Hazards: Case studies from Macedonian road infrastructure
12:00-12:15	**Vesna Nastova Dimitrieska, Jovan Br. Papić, Milorad Jovanovski, Sead Abazi** Importance of the correction of results from Proctor's test according to Annex C of MKS EN 13286-2 and their influence on CBR
12:15-12:30	**Aleksandar Glavinov, Blagica Doneva and Rexhep Mustafovski** Application of Artificial Intelligence in Road Infrastructure

12:30-12:45	**Jozhe Jovanovski, Katerina Donevska, Sonja Lepitkova, Gjorgji Dimov** Effects of Highway Runoff Pollutants on Water Quality: A Review
12:45-13:00	**Goran Mijoski, Marjana Topalovska Angjelevska, Valentina Zileska Pancovska, Lazar Nikolic** Influence of climate conditions and traffic loading on aging of polymer-modified bitumen 25/55-55
13:00-13:15	**Dejan Shishkovski, Marija Gjosheva-Krsteski** Intelligent Transport Systems for Enhanced Road Safety in the Republic of Macedonia
13:15-13:30	**Ana Lazarovska, Verica Dančevska, Violeta Manevska** Stages of Aerodrome Sustainable Category Evaluation Nash`s Theories of Equilibrium
13:30-14:30	**Ручек / Lunch**
Трета паралелна сесија, презентаци / Third parallel session, Presentations ***[Diamond Ball Room]***	
14:30-14:45	**Milica Pavic, Igor Jokanovic** Effectiveness of policy measures in reducing road sector emissions in the Western Balkans
14:45-15:00	**Ammar Šarić, Mirza Pozder** Application of AI video analysis and traffic microsimulation in the evaluation of urban road network
15:00-15:15	**Demeter Prislan** End Terminal of a Safety Barrier after an Impact of a Vehicle
15:15-15:30	**Toni Tudić, Tomislav Gregurić** Soil Reinforcement of Approach Roads to Bridges and Overpasses
15:30-15:45	**Goran Mijoski, Shahin Eskandarsefat, Zoran Krusic** 100% recycled cold asphalt: an alternative recycling agent
15:45-16:00	**Alenka Šajn Slak, Petar Dragić, Borut Sila, Samo Čarman** Weather as a Key Factor in Road Infrastructure and Traffic Management: How the RWIS Helps Monitoring
16:00-16:15	**Elena Kochova, Angelina Zivkovic, Alfonso Pelosi** Breaching the Balance
16:15-16:30	**Ivo Haladin, Gaetano Licitra, Vesna Dragčević, Katarina Vranešić** Optimizing the Acoustic properties of the RUCONBAR noise barrier
Трета паралелна сесија, презентаци / Third parallel session, Presentations ***[Platinum Hall]***	
14:30-14:45	**Bulent Suloodza, Sead Abazi, Bojan Susinov, Goran Mijoski, Goran Bogdanovski** Ecological additives, a new step for the development of new methods for building road infrastructure and protecting the environment
14:45-15:00	**Goran Mijoski, Nexhat Bajrami** Measurement and evaluation of the longitudinal roughness of the driving surface of Motorway A1, section “Negotino – Demir Kapija”
15:00-15:15	**Filip Kasapovski, Nikola Georgievski, Bojan Bojchovski, Aleksandar Kasapovski** Application of uav-lidar technology for road infrastructure monitoring and maintenance
15:15-15:30	**Aleksandar Glavinov, Maja Sofronievska-Glavinov, Rexhep Mustafovski** Intelligent Roads for Emergency Intervention and Rescue
15:30-15:45	**Angelina Simonovska Todorovska, Aleksandra Gjoseva** Application of hydraulic modeling for risk assessment of road infrastructure
15:45-16:00	**Goran Angelovski, Zoran Joshevski, Verche Koneska, Vilos Ilios** Model for headlight switching during vehicle encounters on different road categories
16:00-16:15	**Jugoslav Ackoski, Damjan Trpkovski** Installation of Sensor Systems in Modern Road Infrastructure
16:15-16:30	**Danko Seletkoich, Osmalni Jorgo, Goran Mijoski** REHABILITATION OF THE SUBSOIL OF ROAD AND RAILWAY INFRASTRUCTURE THROUGH THE APPLICATION OF CHEMICAL INJECTION INTO THE SOIL
16:30-16:45	**Кафе пауза / Coffee Break**
Четврта паралелна сесија, презентаци / Forth parallel session, Presentations ***[Diamond Ball Room]***	

16:45-17:00	**Milan Marinković** Air Freezing Index as a parameter in the design of pavement structures
17:00-17:15	**Nataša Joković, Petar Joković** Water Course Regulation on the Construction of Highways in Serbia - Examples from Practice
17:15-17:30	**Borislav Neykov, Petko Krastev, Rosen Koleliev, Stojanche Stojanov** Innovative method for using Reclaimed Asphalt Pavement (RAP) with high-strength modifiers
17:30-17:45	**Uroš Tatić, Olivera Đokić, Suzana Stefanović, Dragan Stojnić, Dušan Novaković** IMPACT OF ASPHALT MIXTURE SELECTION ON ENVIRONMENTAL PRESERVATION IN THE VICINITY OF AGGREGATE MANUFACTURERS
17:45-18:00	**Ivan Cvitković, Tomislav Osonjački, Krunoslav Lukačić, Žaneta Žilić** Effectiveness of chicanes as traffic calming measures in urban areas
Четврта паралелна сесија, презентаци / Forth parallel session, Presentations ***[Platinum Hall]***	
16:45-17:00	**Ljupka Ristova, Todorche Mishevski, Trajcho Kostadinov** Technical solution for a roundabout in a central urban area with geometric constraints - Example from Negotino Municipality
17:00-17:15	**Riste Ristov, Zlatko Zafirovski, Slobodan Ognjenovic** Influence of Road and Environmental Characteristics on the Risk of Traffic Accidents
17:15-17:30	**Nikola Naumovski, Viktor Hristovski, Marija Vitanova** METHODOLOGICAL APPROACH TO ASSESSING VIBRATIONS FROM INFRASTRUCTURE SOURCES: IMPLICATIONS FOR FACILITIES AND POPULATION
17:30-17:45	**Nikola Naumovski, Filip Manojlovski, Igor Markovski, Dejan Filipovski** INTEGRATED MOBILE LABORATORY FOR FIELD INVESTIGATIONS AND DAMAGE ASSESSMENT FROM EARTHQUAKES AND OTHER EVENTS (EQ-MOBI-LAB)
17:45-18:00	**Stefani Gjorgjevska, Dragancho Volcheski** Analysis of Alternative Design Solutions for the “Prilep South” Road Interchange on the Prilep–Bitola Motorway Section
18:00-18:15	**Свечено затворање / Closing Ceremony**

Сабота / Saturday, 8.11.2025	
10:00-11:00	Посета на Археолошки музеј на Македонија / Visit to the Archaeological Museum of Macedonia
11:15-12:00	Посета на Музеј на Македоската борба за самостојност / Visit to the Museum of the Macedonian Struggle for Independence
12:00-13:30	Заминување на учесниците / Departures of participants