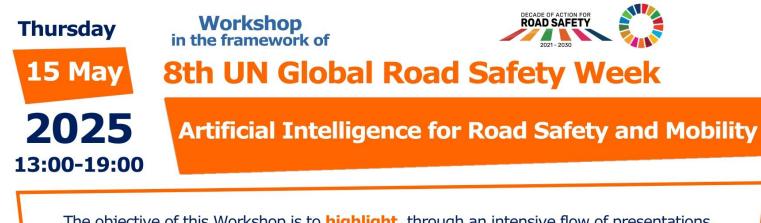


National Technical University of Athens Road Safety Observatory

www.nrso.ntua.gr



The objective of this Workshop is to **highlight**, through an intensive flow of presentations, **the main findings and challenges of key road safety research projects** carried out within the Dept. of Transportation Planning and Engineering of the National Technical University of Athens



Opening (13:00)

1. NTUA Road Safety Observatory George Yannis

Panel Discussion: Artificial Intelligence and Road Safety: Opportunities and Challenges Manos Parissis, Ministry of Infrastructure and Transport Thanasis Tsianos, Chairman of Hellenic Institute of Transportation Engineers Petros Fortsakis, Oseven Anastasia Pnevmatikou, Nea Odos

- 2. Advanced Traffic Management Eleni Vlahogianni, Dean of the School of Civil Engineering
- 3. Athens Mobility Observatory George Yannis

Panel Discussion: Artificial Intelligence and Smart Mobility: Opportunities and Challenges Chronis Akritidis, Anaplasi Stella Papagianni, Athens Urban Transport Organization Konstantinos Kyriazis, Cityzen Nikolaos Petrakis, Visa Sarita Varouch, Uber

Light Lunch (14:30)



Artificial Intelligence and Driver Behaviour (14:40)

- 4. Al for Vision Zero in Road Safety Ivory Eleonora Papadimitriou
- 5. Proactive risk mapping and infrastructure safety management Ivory Julia Porto
- 6. Al for road safety monitoring and crash prediction from micro- to macro levels lvory Simone Paradiso
- 7. Data fusion of traffic, behaviour & infrastructure for holistic driver assistance Ivory Aristos Tsoutsanis
- 8. Road safety prediction on the basis of ethically sound physiological measurements Ivory Aristotelis Styanidis
- 9. Predictive Approaches for Safer Urban Environments Phoebe Apostolos Ziakopoulos
- 10. Smart city mapping for safer and eco driver behaviour SmartMaps Dimitris Nikolaou
- Optimising driver behaviour for safe, green and energy efficient mobility OptiMo Virginia Petraki
- 12. Unsafe traffic events Peve Stelios Peithis

Road Safety Data Intelligence (15:50)

- 13. Support to the European Road Safety Observatory ERSOnext Katerina Folla
- Support of technical activities for the development and collection of Road Safety KPIs - Trendline Katerina Folla
- 15. National Access Point Coordination Organisation for Europe Napcore Alexandra Laiou
- 16. Injury Mitigation to Promote Vision-Zero Achievement Improva Armira Kontaxi
- 17. E-Survey of Road users' Attitudes ESRA3 Thodoris Garefalakis

Connected and Automated Mobility (16:30)

- 18. Connected, cooperative and automated mobility deployment CulturalRoad Elena Theodoraki
- 19. Shared Automation Operating Models for Worldwide Adoption Show Maria Oikonomou
- 20. Holistic Approach for Driver Role Integration into Automation Hadrian Marios Sekadakis



- 21. Safe System Design for CCAM services Froddo Eleni Mantouka
- 22. Actionable Human in the Loop Traffic Forecasting for CCAM Acumen Panagiotis Fafoutellis

Safe Road Infrastructure (17:10)

- 23. Road Infrastructure Safety EGRIS3 Tassos Dragomanovits
- 24. NTUA Campus Road Network Upgrade Tassos Dragomanovits

Road Safety Policy (17:30)

- 25. Traffic safety culture A transition towards shared responsibility for safe and sustainable mobility Trust Alexandra Laiou
- 26. Effectiveness of city-wide 30 km/h speed limits 30 Marathons in 30 months Eva Michelaraki
- 27. Global Road Safety Knowledge Exchange Piarc Julia Roussou
- 28. Financial incentives and benefits for vehicle insurance policies using telematics SShCentre Virginia Petraki
- 29. New Attica Transportation Strategic Plan Stella Roussou

Smart Mobility (18:10)

- 30. Smart and shared Zero Emission mobility for passengers and freight MetaCCaze Evi Koliou
- **31.** Green Cultural Oases **GreCo** Armira Kontaxi
- 32. Athens Metropolitan Transport System Evi Koliou
- 33. Ride Sharing SolutionsVirginia Petraki
- 34. Smart Payments in Public Transport Armira Kontaxi



10.00