



Thursday

15 May

2025

13:00-18:30

Workshop
in the framework of

8th UN Global Road Safety Week



Artificial Intelligence for Road Safety and Mobility

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

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Programme

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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 (tbc)

Thanasis Tsianos, Chairman of Hellenic Institute of Transportation Engineers

Petros Fortsakis, Oseven

Anastasia Pnevmatikou, Nea Odos (tbc)

2. Advanced Traffic Management
Eleni Vlachogianni, 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, Anaplasia (tbc)

Nelly Tzivellou, Athens Urban Transport Organization (tbc)

Konstantinos Kyriazis, Cityzen (tbc)

Nikolaos Petrakis, Visa (tbc)

Mary Gaitanarou, Uber (tbc)

Light Lunch (14:30)

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Artificial Intelligence and Driver Behaviour (14:40)

4. AI for Vision Zero in Road Safety - **Ivory Eleonora Papadimitriou**
5. Proactive risk mapping and infrastructure safety management - **Ivory Julia Porto**
6. AI for road safety monitoring and crash prediction from micro- to macro levels - **Ivory 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**
11. 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**
14. 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 Evi Koliou**
19. Shared Automation Operating Models for Worldwide Adoption - **Show Maria Oikonomou**
20. Holistic Approach for Driver Role Integration into Automation - **Hadrian Marios Sekadakis**

Safe Road Infrastructure (16:55)

- 21. Road Infrastructure Safety - **EGRIS3**
Tassos Dragomanovits
- 22. NTUA Road Network Upgrade - **NTUASigns**
Tassos Dragomanovits

Road Safety Policy (17:10)

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

Smart Mobility (17:50)

- 28. Smart and shared Zero Emission mobility for passengers and freight - **MetaCCaze**
Elena Theodoraki
- 29. Green Cultural Oases - **GreCo**
Armira Kontaxi
- 30. Athens Metropolitan Transport System - **Ametropolis**
Evi Koliou
- 31. Ride Sharing Solutions
Virginia Petraki
- 32. Smart Payments in Public Transport
Armira Kontaxi

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