



Thursday

15 May

2025

13:00-19:00

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

Streets for Life

MakeWalkingSafe

MAKE
WALKING SAFE



MAKE
CYCLING SAFE

Streets for Life

MakeCyclingSafe

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 (in greek)

Manos Parissis, Ministry of Infrastructure and Transport

Thanasis Tsianos, Chairman of Hellenic Institute of Transportation Engineers

Petros Fortsakis, OSeven Telematics

Eleonora Papadimitriou, National Technical University of Athens

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 (in greek)

Stella Papagianni, Athens Urban Transport Organization

Konstantinos Kyriazis, Cityzen

Nikolaos Petrakis, Visa

Sarita Varouch, Uber

Light Lunch (14:30)

Streets for Life

MakeCyclingSafe



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 Styaniadis
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. Exploring the relationship between unsafe traffic events and crash occurrence - **Peve**
Stelios Peithis

Road Safety Data Intelligence (15:50)

13. Support to the European Road Safety Observatory - **ERSOnext**
Katerina Folla
14. Development and Collection of Road Safety Key Performance Indicators - **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. Cultural, regional and societal factors to overcome barriers to 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 and Automation Allocation for European Mobility Needs - **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. Road Safety for the New Attica Transportation Strategic Plan
Stella Roussou

Smart Mobility (18:10)

30. Flexibly adapted MetaInnovations, use cases, collaborative business and governance models to accelerate shared Zero Emission mobility for passengers and freight - **MetaCCaze Evi Koliou**

31. Green Cultural Oases - **GreCo Armira Kontaxi**

32. Proposed Operating Model for the Metropolitan Transport Authority of Attica
Evi Koliou

33. Ride Sharing Solutions
Virginia Petraki

34. Smart Payments in Public Transport
Armira Kontaxi

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