



Online workshop in the framework of

6TH UN GLOBAL ROAD SAFETY WEEK
17 - 23 May 2021

Thursday
20 May
2021



Streets for Life
#Love30



Innovation in Road Safety Research

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 NTUA Department of Transportation Planning and Engineering and to open up the discussion in a round table on **key innovations in road safety research** in Greece, in Europe and worldwide.

Programme

Register [Here](#)

Connect to [Workshop](#)

Opening (14:00)

1. The NTUA Road Safety Observatory
George Yannis

Traffic Automation and Safety (14:10)

2. Driver needs and behaviour in automated traffic - **Drive2theFuture**
Eleni Vlahogianni
3. Societal impacts of connected and automated vehicles - **Levitate**
Julia Roussou
4. Shared Automation Operating Models for Worldwide Adoption - **Show**
Maria Oikonomou
5. Holistic Approach for Driver Role Integration into Automation - **Hadrian**
Marios Sekadakis

Driver Behaviour Telematics (14:40)

6. Driver-vehicle-environment interactions and safety tolerance - **i-Dreams**
Christos Katrakazas
7. Smart city mapping for safer and eco driver behaviour - **SmartMaps**
Apostolos Ziakopoulos
8. Smartphone applications for driver safety behaviour support - **BeSmart**
Armira Kontaxi



Road Safety Data Systems (15:10)

9. Development of the Road Safety Strategic Plan in Greece 2021-2030
Alexandra Laiou
10. Collection of Road Safety KPIs in Greece - **BaseLine-G**
Marianthi Kallidoni
11. EU Methodology for Road Safety KPI Collection - **Baseline-I**
Christina Gonidi
12. Open science in road safety - **BeOpen**
Katerina Folla

Break (15:40)

Road Infrastructure Safety (15:50)

13. A Methodology for Network-wide Road Assessment - **NetSafety**
Tassos Dragomanovits
14. Modelling crash modification factors globally - **i-SafeModels**
Katerina Deliali
15. Road Safety Audit of the Hellinikon Metropolitan Pole
Stergios Mavromatis

Driver Safety Behaviour (16:15)

16. Monitoring road safety attitudes globally - **Esra2**
Dimitris Nikolaou
17. Investigation of driver distraction effect using big data from smartphones
Panagiotis Papantoniou
18. Safety behaviour assessment of older drivers in real driving conditions
Dimos Pavlou
19. Covid-19 impact on mobility and safety
Eva Michelaraki

Mobility and Safety (16:45)

20. Model traffic and parking arrangements for the Athens Great Walk
Antonis Chaziris
21. Electromobility as driver for sustainable mobility and safety - **e-Mopoli**
Foteini Orfanou
22. Socio-economic impact of environmental transport charging - **EcoCharge**
Virginia Petraki

Break (17:10)

Panel Discussion (17:20)

- Safety Innovations in Automation and Connectivity
Andrew Morris, Professor, Loughborough University
- How are Emerging Data Enabling Smarter Safety Applications?
Constantinos Antoniou, Professor, Technical University Munich
- Innovations for Safe Driver Behaviour
Tom Brijs, Professor, Hasselt University
- Which Values for Future Safety Technologies
Eleonora Papadimitriou, Ass. Professor, Delft University of Technology



Streets for Life

Love30



www.nrso.ntua.gr