



Online workshop in the framework of

6TH UN GLOBAL ROAD SAFETY WEEK

17 - 23 May 2021

Thursday  
20 May  
2021



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# 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](#)

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### 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**



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## Road Safety Policy and Data (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**



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