



Friday  
**17**  
May  
2019  
at 14:00

# Workshop

in the framework of the

FIFTH UNITED NATIONS GLOBAL ROAD SAFETY WEEK  
6-12 May 2019



Save Lives

# SpeakUp

NTUA Zografou Campus, Athens

Railways Amphitheatre of the Department of Transportation Planning and Engineering

# Digitalisation and 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 the **role of digitalization on road safety research** in Greece, in Europe and worldwide. Special emphasis will be given to the support of road safety leadership in alignment with the 2019 UN Global Road Safety Week objectives.

## Programme

### Session A: 14:00 - 15:45

#### Opening Speech

1. The NTUA Road Safety Observatory - **Nrso**  
George Yannis

#### Traffic Automation and Safety

2. Driver needs and behaviour in automated traffic - **Drive2theFuture**  
Eleni Vlahogianni
3. Societal impacts of connected and automated vehicles - **Levitate**  
Julia Roussou

#### Driver Behaviour Telematics

4. Smartphone exploitation for event spatial analysis & mapping - **Sesame**  
Apostolos Ziakopoulos
5. Data science techniques for benchmarking driving efficiency - **OSeven**  
Dimitris Tselentis
6. Smartphone applications for driver safety behaviour support - **BeSmart**  
Armira Kontaxi
7. Driver-vehicle-environment interactions and safety tolerance - **i-Dreams**  
Virginia Petraki





## Road Safety Data Systems

8. The African Road Safety Observatory - SaferAfrica

**Stergios Mavromatis**

9. The road safety center of Saudi Arabia- RscKsa

**Dimos Pavlou**

10. Measuring risk exposure in Ireland - IrlExpo

**Petros Evgenikos**

11. Open science in road safety - BeOpen

**Katerina Folla**

12. Big data for road safety - ForSafety

**Jim Teressonok**

Coffee Break: 15:45 - 16:00

Session B: 16:00 - 17:20

## Driver Safety Behaviour

13. Monitoring road safety culture - SafeCulture

**Alexandra Laiou**

14. Monitoring road safety attitudes globally - Esra

**Dimitris Nikolaou**

15. Cycling under the influence of alcohol and drugs - Velivr

**Rania Basta**

16. Safety skills of future transportation professionals - Skillful

**Christina Plati**

17. Actions to improve drivers' safety behavior - SafeBehave

**Panagiotis Papantoniou**

## Road Infrastructure Safety

18. Economic analysis of road infrastructure safety projects - EibCba

**Tassos Dragomanovits**

19. Modelling crash modification factors globally - i-safemodels

**Christina Gonidi**

20. Safety implications from electromobility - e-mopoli

**Foteini Orfanou**

Session C - Panel Discussion: 17:20 - 18:40

## Digitalisation and Road Safety Research

**John Golias - NTUA, Rector**

**Angelos Amditis - ICCS / ERTICO, Chairman**

**Petros Fortsakis - OSeven, Director**

**Nancy Pnevmaticou - Nea Odos, Senior Engineer**

**Panos Kouvalis - Anytime, Manager**

**Manos Parisis - Ministry of Transport, Director**

18:40 Reception