

Research and Innovation in Safe and Smart Mobility: SEMINAR SERIES**Digital Road Safety****Architecture, Building and Civil Engineering Sir Frank Gibb building RT0.25****Wednesday, 11th September 2019 12:30 p.m.**[REGISTER HERE](#)

This seminar includes free networking lunch

Seminar Overview

The rise of smartphones, sensors and connected objects offers a wealth of transport data, which among others allow for new and innovative data-driven solutions for road safety, especially when exploiting properly advances in computing power, data science and artificial intelligence. This presentation attempts to shed light on key innovations in data collection, sharing and analysis which can support emerging solutions to:

- better understand crash outcomes and contributory factors
- address road user behaviour and errors
- address traffic and infrastructure issues in a proactive manner and
- benefit from driver assistance systems and cooperative connected solutions.

Special emphasis is given to the role of big data management and analysis, telematics solutions, and automated and cooperative transport systems. Finally, a discussion is also suggested on key open challenges, like technology weaknesses, privacy protection, data sharing business models and partnerships.

Presenter

George Yannis is Professor in Traffic Safety and Management with focus on data management and analysis and is currently Director of the Department of Transportation Planning and Engineering of the School of Civil Engineering at the National Technical University of Athens (NTUA). He has contributed extensively in more than 235 research and engineering projects and studies and in several scientific committees of the European Commission and other International Organisations (UN/ECE, OECD, WHO, World Bank, EIB, CEDR, ERF, UITP, ETSC, WCTR, TRB). He has published more than 555 scientific papers (167 in scientific journals) widely cited worldwide. For complete information: www.nrso.ntua.gr/geyannis

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