



Special Session

Smart Urban mobility: automation as key to sustainability and safety

Description:

Modern urban centres strive to become both liveable and accessible by ensuring that their mobility planning adequately addresses the needs of public and private stakeholders at play. Vehicle automation and supporting digital infrastructures are expected to enhance traffic efficiency, guarantee road safety as well as meet global climate goals. The integration of CCAM into modern transportation systems relies heavily on the advancement of both physical and digital infrastructures, coupled with robust communication technologies.

The deployment of intelligent traffic management systems means less new building infrastructure and better urban planning that is citizen centred and full-scale adoption of digital technologies.

The Special Interest Session will discuss enhanced resilience and the role of automation and connectivity in attaining the safety and sustainability targets set by the public authorities. Traffic management and Urban Planning, as well as the role of Public Transport will be viewed through the perspective of Cities, of Research Centres at European and national level and other Stakeholder organisations, while the European Commission will set the scene for an interactive discussion with the audience.

The audience will be provided with an overview of the latest developments in Smart Urban Mobility at European level and the panel discussion will dwell on the opportunities and the challenges faced in both current smart mobility schemes as well as in ongoing pilots and trials.

Session Moderator:

- Dr Johanna Tzanidaki, Director, Telavgis

Topics and Presenters:

Safety and Automation

- Mrs Claire Depre, Head of Unit (DG MOVE)

Sustainable urban mobility interventions: the Lighthouse and Follower cities in the ELABORATOR project

- Mr Jason Sioutis (ICCS-NTUA, GR)

Sustainable and automated urban mobility & gender

- Mrs Evelina Faliaga (URBANA)

Automated mobility & sustainability in Cities' innovation plans

- Mrs Anthi Tsakiropoulou, Major Development Agency Thessaloniki (MDAT) SA

Automation and Sustainability in Public Transport

- Dr Nikos Tsampieris (ERTICO -ITS Europe)