

IEEE ICVES 2018 Demo Event



(Fri, Sep. 14, 17:00 - 19:00)

On the 14th of September, within the scope of the INSIA Conference, research laboratories of Madrid, we will offer a demonstration of the technologies in intelligent and autonomous vehicles. Four different laboratories from different research centres and universities will show their technologies:

INVETT-UAH

The DRIVERTIVE vehicle of the INVETT research group of the University of Alcalá will drive on automated mode along the proving ground while watching for pedestrians in the surrounding. At some point, a pedestrian or group of pedestrians will stand by the road side waiting to cross the street. DRIVERTIVE will detect the pedestrians' intentions and will give way to them while switching on the GRAIL system, as an indicator of presence acknowledge. GRAIL stands for GReen Assistant Interfacing Light, aiming at increasing road safety and reassuring VRUs when crossing the street. Pedestrian detections can be carried out using



DRIVERTIVE on-board sensors (vision, laser and radar).

AUTOPIA-CSIC

AUTOPIA is a research lab belonging to Centre for Automation and Robotics, within the Spanish National Research Council. They will present their new autonomous platform and will showcase their capabilities in motion planning and control.



LSI-UC3M

Intelligent Systems Lab (LSI) from Universidad Carlos III de Madrid is proud to present its research platform iCab consisting of two autonomous vehicles (golf-carts), which are fully functional and cooperative, with advanced perception capabilities. The LSI will also show the new intelligent platforms, including an autonomous vehicle part of the collaboration with the Spanish insurance company MAPFRE.



INSIA-UPM

INSIA UPM will show their two research platforms a C3 with remote driving technologies and a Mitsubishi i-Miev with Autonomous movement.



Location:



INSIA, Universidad Politécnica de Madrid

Campus Sur UPM, Carretera de Valencia (A-3), km 7, 28031 Madrid

DEMO EVENT Schedule:

- **16.30** Shuttle bus from the conference venue (UC3M Campus Puerta de Toledo) to INSIA
- **17.00** Reception and coffee break at INSIA
- **17.20** Welcome presentation in the main hall (explanation of the demonstration)
- **17.40** Demo event in the INSIA track
 - **17.40 to 18.00** – INVETT-UAH
 - **18.00 to 18.20** - AUTOPIA-CSIC
 - **18.20 to 18.40** - iCab UC3M
 - **18.40 to 19.00** - INSIA UPM
- **19.15** Shuttle bus from INSIA to the conference venue (UC3M Campus Puerta de Toledo)