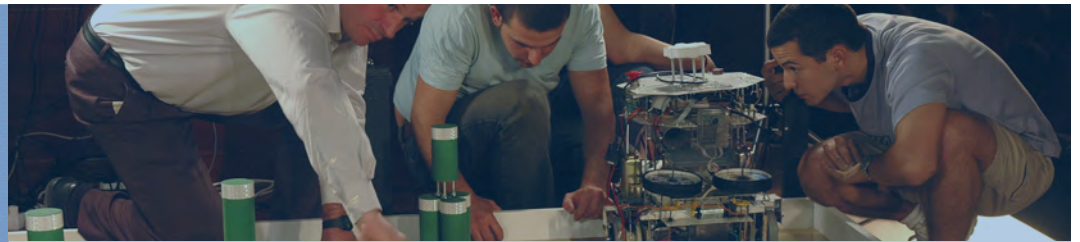




Universidad
de Alcalá



INTELLIGENT VEHICLES AND TRAFFIC TECHNOLOGIES

Code
602

INVETT

RESEARCH AREA

Technological Sciences

COORDINATORS

David Fernández Llorca
Ignacio Parra Alonso

KEY WORDS

Intelligent Vehicles
Traffic Technologies
Predictive perception
Intelligent sensors and
sensing

AIM

- Maintenance and integration companies of intelligent transport systems
- Technology companies of traffic infrastructure management

CONTACT



david.fernandezl@uah.es
Tlfn: 918856682
Dpto. Automática
Edificio Politécnico Superior
Campus Universitario, Ctra.
Madrid-Barcelona km, 33,
600, 28805
Alcalá de Henares,
Madrid



ABOUT US

The INVETT group carries out its activity in the area of last generation sensors and advanced processing systems to develop high-resolution multimodal and three-dimensional perception systems for intelligent vehicles, autonomous vehicles, intelligent transportation system and smart city applications. The main research lines include the following: predictive perception systems, user-based autonomous vehicle design, interaction between autonomous vehicles and vulnerable road users, advanced vehicle and traffic perception and modeling systems, assistive intelligent transport systems, etc.

RESEARCH LINES

- Intelligent Vehicles
- Predictive perception for automated driving and traffic control
- Cooperative automated driving
- End-user oriented intelligent vehicles
- Automatic infrastructure inspection technologies
- Assistive intelligent transportation systems

OFFERED SERVICES

- Research and development in intelligent systems applied to traffic infrastructure management, multimodal sensing systems, predictive modeling systems for road users, infrastructure inspection, vehicle identification, speed detection, etc.
- Design of customized intelligent sensing applications for contexts related to transport, autonomous vehicles and intelligent infrastructures.

MARKETABLE RESULTS

