

LAUPV – Automobile Laboratory of the Technical University of Valencia

Address:

Camino de Vera, s/n.
Universidad Politécnica de Valencia
E-46022 Valencia (Spain)
Tel.: +34 963 877 625
Webpage: www.laupv.upv.es

Contact:

Juan F. Dols
Quality Assurance Director
e-mail: jdols@mcm.upv.es

Organisation profile

The Automobile Laboratory is an institutional organization accredited by Regional and National Administrations to provide official certificates for modified, adapted, or historical vehicles, as well as evaluate special-needs drivers for obtaining their driving license. Complementary activities provided to the automotive industry are postgraduate courses and R&D services in the fields of integrated safety and security for surface transport systems. Additional activities include the fields of logistics and intermodal transport, new transport and mobility concepts, high quality public transport, simulation, visualization, interaction and mixed realities, personal environments, safety technology, road transport technology, mechanical design, user centered design, active and passive safety of vehicles, simulation engineering and rehabilitation engineering.

Main Green Cars activities: Products and Projects

Participation in EU-funded projects:

- AUTOMOTIVATION 2000 – ADAPT. 96 A1610CVA. 4th FM. 1996-1997.
- TRAINER. System for Driver Training and Assessment Using Interactive Evaluation Tools and Reliable Methodologies. 2000-RD.10024. Vth FM. 2000-2003.
- CONSENSUS. Promoting CONSENSUS in assessing driving ability of PSN through common methodologies and normative tools. IST-2000-26456. Vth FM. 2001-2002.
- IDEA. An Innovative Vocational Training Scheme for Assessing the Driving Ability of Elderly and Disabled. 2002-B/O2/B/P/PP-110.350. Leonardo Da Vinci program. 2000-2005.
- CONSENSUS II. Promoting CONSENSUS in assessing driving ability of PSN through common methodologies and normative tools. IST-2001-37092. Vth FM. 2002-2004.
- ASK-IT. Ambient Intelligence System of Agents for Knowledge-based and Integrated Services for Mobility Impaired Users. IST-2003-511298. VIth FM. 2004-2008.

Participation in national competitive funded projects:

- SEMAV III. Improvements in the SEMAV simulator for the functional evaluation of disabled drivers. IMSERSO (Ministry of Workload and Social Affairs). National Program R&D (2000-2003).2002.
- Improvements in the passive safety of adapted vehicles for disabled drivers. Ministry of Science and Education. National Research Program 2004-2007. Transports. Ref. TRA2005-08649/AUT. 2005-2008.
- Design of technical aids for the safe transportation of wheelchair users in M1-M2-M3 vehicles. Ministry of Workload and Social Affaires. IMSERSO. National Research Program 2004-2007. Ref. 54/05. 2005-2006.
- ASUCAR. Determination of safety and accessibility requirements for children trolleys transportation in public transport. Ministry of Science and Innovation. National Program 2008-2011 TRACE. Ref. PET2008-0328-01. 2009-2011.

Participation in regional competitive funded projects:

- Design of scientific and technologic equipment for virtual reality environments. Enterprise, University and Science Council. Generalitat Valenciana. 2006.

Viability analysis for the implementation of a pilot plant for adapted vehicles technical inspection. IMPIVA. Generalitat Valenciana. PCEV. 2007-2008.