Meeting The Challenges of Future Automotive HMI Design: An Overview of the AIDE Integrated Project

The general objective of the AIDE (Adaptive Integrated Driver-vehicle Interface) Integrated Project, funded within the EU 6th Framework Programme (FP6), is to develop human machine interaction (HMI) methodologies and technologies for the safe and efficient integration of driver assistance and information systems (including nomad devices) in future vehicles. The present paper identifies some major challenges for HMI designers of future invehicle systems, and describes how these challenges will be addressed by the AIDE project.