



Welcome and Introduction to Sub-Project 3

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AIDE Sub-Project 3 Overview



TOWARDS FUTURE AUTOMOTIVE HMI

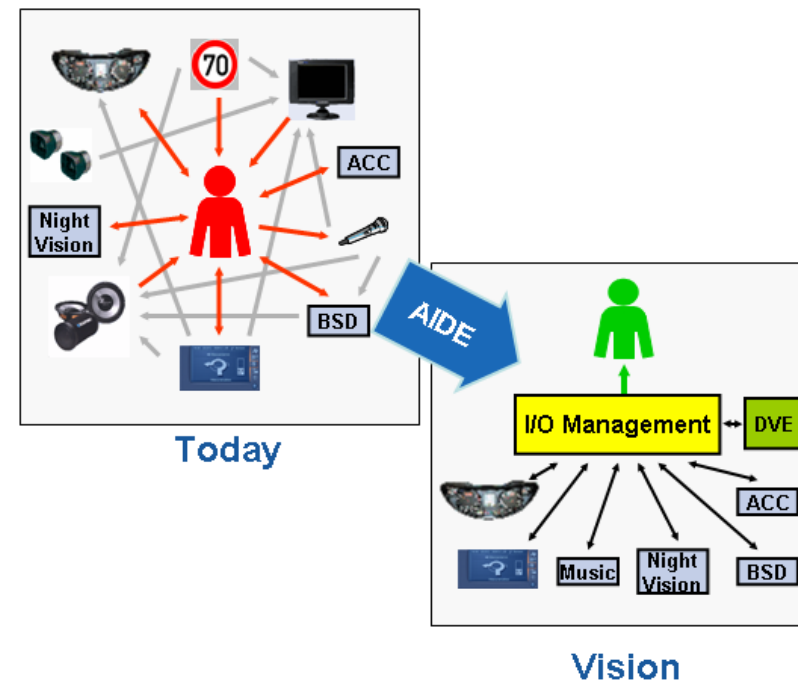
AIDE final workshop and exhibition April 15-16, 2008, Gothenburg

General Objective:

Design, develop and demonstrate an adaptive integrated driver-vehicle interface.

Key issues:

- Prevent interference between I/O events.
- Exploit synergies (reduce HW costs, enhance performance).
- Adaptation to the driver state and /or the driving situation (DVE).
- Integration of nomadic devices.



AIDE Subproject 3

Key Activities



TOWARDS FUTURE AUTOMOTIVE HMI

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- **Technological benchmarking** and definition of **scenarios and use cases**.
- **Requirements and specifications**.
- **System architecture** definition.
- **Design** of the adaptive integrated interface.
 - Multimodal HMI and integration of nomad systems.
 - Intelligence for Interaction Management (Interaction and Communication Assistant).
- Development of **driver-vehicle-environment state (DVE) monitoring modules** (to enable adaptivity).
- **Prototype vehicles** development (city car, luxury car and heavy truck).



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Parallel Session Agenda



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M2 session room

Parallel session SP3 - Design and Development of an Adaptive Integrated Driver-vehicle Interface	
Moderator: Angelos Amditis, ICCS	
10.10	Welcome and introduction to SP3 (ICCS)
	AIDE system requirements and specifications
	AIDE use cases and scenarios (SEAT)
	Input/output devices in AIDE (VTEC)
	AIDE system architecture (BOSCH)
	Open discussion (All)
11.10	Coffee break
11.30	AIDE system implementation
	Driver-vehicle-environment monitoring modules (ICCS)
	Interaction and Communication Assistant module (CRF)
	AIDE prototype vehicles (VTEC)
	Open discussion and conclusions (All)
12.30	Parallel session ends



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Thank you for your attention!

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