

# 1st IJDS SYMPOSIUM

## Driving the Intelligent Vehicle

Driver-Vehicle Systems in Advanced Environments



## 14 & 15 June 2017 - Haarlem, The Netherlands

The International Journal of Driving Science (IJDS) welcomes you to the 1st IJDS symposium in Haarlem, The Netherlands. In this symposium, intelligent vehicle technologies integrate with human factors in applied research. Here, researchers and engineers from academia, industry and government meet and present their latest findings and state-of-the-art technology. The workshop focuses on the following themes.

### **Driver Vehicle Interaction**

With more automation in vehicles, the role of the driver is changing from controlling the vehicle to also supervising the partially or highly automated vehicle (SAE levels 3-4). How does this changing driver role influence the driver-vehicle interaction? And vice versa, how can the driver vehicle support systems contribute to this new role? Topics to be considered include driver state monitoring, mode switching, human machine interface.

### **Interaction between the Driver and Accident Avoidance Technologies**

Systems to prevent or mitigate accidents are becoming more and more part of vehicle safety design. The interaction with the driver is a crucial part. How to warn the driver, but prevent

too many false warnings? And whether to keep the driver in the loop or not during critical situations.

### **Driver Vehicle Adaptation**

The intelligent vehicle needs to account for the driver and the complex environment. The driver may adapt to the intelligent vehicle. What are the possible consequences and how can we take this driver adaptation into account? And should the vehicle adapt to the driver.

We welcome you to join this symposium to get the latest updates and exchange ideas in this rapidly evolving area of Driving Science. We also invite you to present your own research related to one of the above themes. After the symposium you are welcome to submit your journal paper to IJDS. This gives you the unique possibility to present and discuss your research as a prelude to publishing a full journal paper.



## INVITATION FOR SPEAKERS

Abstracts are welcome before March 15, 2017.  
For instructions see [www.ijdssymposium.eu](http://www.ijdssymposium.eu)