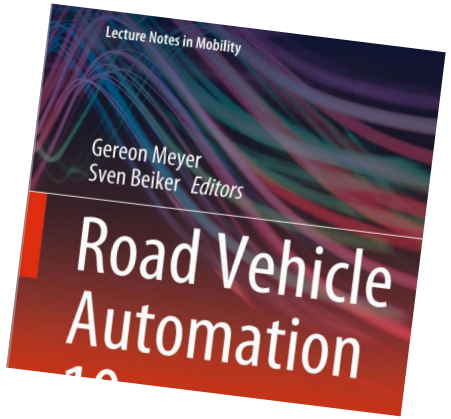
151-Human Factors consideration of tele and remote operation for Automated Vehicles

Organisers: Natasha Merat, University of Leeds and Stacy Balk, NHTSA

Speakers:

- **Michael Oehl (DLR)**: User-Centered Design and Evaluation of a Prototypical Workplace for the Technical Supervisor according to the German Law for Autonomous Driving
- **Josh Domeyer (CSRC)** : ISO Activities on Remote Support of ADS
- **Matthew Marchese (NHTSA)**: Remote Operations Research Overview
- **Yanbin Wu (AIST):** Transitioning a Bus Driver to a Remote Operator: A Preliminary Study to understand the Remote Operation Task

The attendees

- Following the four presentations, we asked the attendees to highlight their main areas of interest, regarding Human Factors of remote operation
- We then broke up into four groups and discussed four main topics:
  - HMI/Workload/Attention/Situation Awareness
  - Training
  - Safety
  - Task/role of the operator and ratio of operator to vehicles

Findings will be reported in the next Road Vehicle Automation book.