

Ruth Madigan, University of Leeds: InterACT Project

Key research question(s)

Designing for the cooperative interaction of automated vehicles with other road users in mixed traffic environments

Approach

- Development of psychological models of interaction
- Technical solutions for predicting road users' intentions & behaviours
- Development of Cooperation and Communication Planning Unit (CCP Unit)
- Developing human-vehicle interaction designs and HMI
- Safety layer and fail-safe trajectory planning
- Establish new evaluation methods

