

Transport Information Days

Brokerage event

18-19 July 2012

Recommendations for Presentations



Integrated Transport and Logistics Cross Faculty Grand Challenge Coventry University, UK



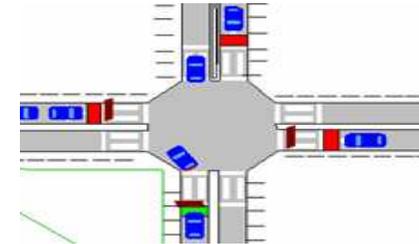
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Existing
Pedestrian
Traffic Signal



Fields of Activity

- Intelligent Transport Systems
- Automotive telemetry and telematics
- Autonomous vehicles
- Wireless data acquisition and control
- Vehicle position monitoring using GPS and Inertial Navigation System
- Driver health monitoring via Internet
- Electric Vehicles and Hybrid-electric vehicles



Figure-1 Preparation of a wireless telemetry system (designed at Coventry University, ITS&T) on a racing car.

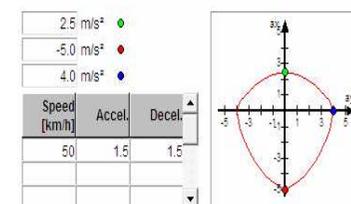
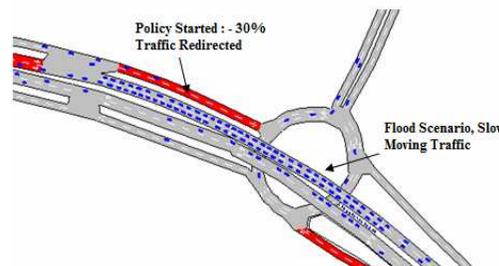
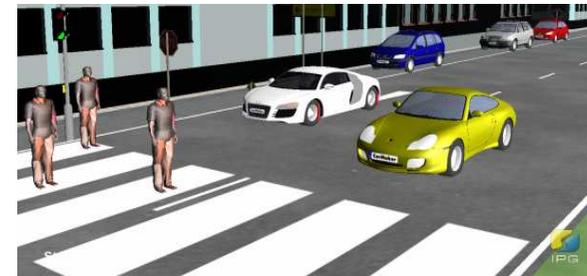


Figure-2: A car with a wireless telemetry system (Coventry University, ITS&T) on the Bruntingthorpe racing track.

Skills and Expertise Offered



- Modelling and simulation of intelligent transport systems
- Optimization of vehicles flow in road transport networks
- Transport Logistics
- Design of vehicle automatic control systems
- Automotive electronics
- Wireless Sensor Networks (WSN)
- Design of driver fatigue monitoring using electronic devices
- Driver performance monitoring and testing on a driving simulator
- Autonomous cars
- Traffic safety



Looking to partner in:



- TPT.2013-1. Technology transfer in the area of Transport :CP-FP - Call: FP7-SST-2013-RTD-1
- SST.2013.3-2. Implementing innovative and green urban transport solutions in Europe and beyond
- Activity 7.2.2. Encouraging modal shift and decongesting transport corridors
- SST.2013.3-1. Managing integrated multimodal urban transport network

