

# Symposium

## Internet of Cars: Distributed Exhibition

14 June, Murray Building, University of Southampton

9.30am – 6.40pm

The Internet of Cars distributed exhibition and symposium is the culmination of a three year research project entitled Sixth Sense Transport and the work of its research team that has developed technologies to help understand the potential for new forms of networked transport. The themes presented in the symposium reflect the researchers' interests in how networked technology has revealed new opportunities across logistics, tourism and education.

The title of the event "The Internet of Cars", represents the possible futures that ubiquitous computing may have for new travel opportunities as networked technology finds connections between people, routes and both public and private modes of travel. To this day, transport systems remain tied to the 19<sup>th</sup> Century model of clocks and timetables but as the real-time connections between ourselves, our cars, buses and trains are made, we are beginning to see new ways of getting around emerge. The symposium brings together academics, transport experts and the general public to explore what an Internet of Cars might be like.

### **09.30 Registration and coffee**

10.00 Welcome by John Preston Head of the Civil, Maritime and Environmental Engineering and Science Unit and Professor of Rail Transport at the University of Southampton

10.10 Introduction to the Day by Chris Speed, University of Edinburgh and Tom Cherrett, University of Southampton.

### **10.20 Part 1: The Internet of Cars - Chaired by Janet Dickinson**

10:20-10:40 – Understanding traffic patterns and regular travellers using registration plate data – Dr. Tom Cherrett Senior Lecturer in Logistics and Transport Planning, University of Southampton.

10:40 – 11:00 – The car as an information portal 'Travelling Treasures' – Professor Chris Speed, Chair of Design Informatics, University of Edinburgh.

11:00 – 11:20 – New transport networks - Professor John Nelson, Chair in Transport Studies at the University of Aberdeen

11:20 – 11:40 – Questions / Discussion

### **11.40 Introduction to the Internet of Cars Symposium art works – Helen Sloan, Director SCAN**

12.00-13.00 Lunch

**13.00 Part 2: Understanding travel movement and the role for ubiquitous computing – Chaired by Tom Cherrett**

13:00 – 13:20 – Understanding flow and movement in a leisure setting – Dr. Janet Dickinson, Senior Lecturer in Tourism Management, Bournemouth University.

13:20 – 13:40 London City Dashboard – visualising flows and movements in London – Dr. Andy Hudson-Smith, Director and Deputy Chair of the Bartlett Centre for Advanced Spatial Analysis (CASA) at University College London.

13:40 – 14:00 The use of travel time and the role of technology – Professor Glenn Lyons is Chair of Transport and Society at University of West England.

14:00-14:20 Questions / Discussion

14.20 -14.40 Coffee

**14.40 Part 3: Technology to aid transport connections – Chaired by Chris Speed**

14:40 -15:00 – Making connections and scheduling on the route to school – the Smartphone enabled Walking School Bus – Dr. Sarah Norgate, Senior Lecturer in Psychology, University of Salford.

15:00 – 15:20 – Understanding collection demand through dynamic scheduling – Oxfam - Dr. Tom Cherrett Senior Lecturer in Logistics and Transport Planning, University of Southampton

15.20 – 15.30 Questions / Discussion

**15:30 – 15:40 Part 4: Things moving people workshop – Introduction by Janet Dickinson and Chris Speed.**

15:40 – 16:40 Workshop activity using CoGet software.

16:40 Reflection

17:00 close

**17:00 Reception**

To book a free place, please go to the registration website:

<https://www.eventbrite.co.uk/e/internet-of-cars-symposium-tickets-11354675139>