

## Event Schedule

<b>Meeting title:</b>	Southampton, Coventry and Cambridge WSN Research Exchange Day	
<b>Date:</b>	Tuesday 20 <sup>th</sup> September 2011	<b>Time:</b> 10:00 – 16:00
<b>Location:</b>	53/4025 (Level 4 Seminar Room, Mountbatten Building)	
<b>Circulation:</b>	Prof Elena Gaura [Coventry], Dr Ian Wassell [Cambridge], Wireless Sensing in ECS (WiSE) [Southampton]	

<b>10:00 – 10:30</b>	<b>Arrival, Welcome and Introductions</b>	
<b>10:30 – 12:50</b>	<b>Presentations (Morning Session)</b>	
10:30	“Planning and Deployment of Wireless Sensor Networks,” <i>Ruoshui Liu/Ian Wassall, Cambridge</i>	15 mins
10:45	“Environmental Monitoring in Iceland,” <i>Phil Basford, Southampton</i>	20 mins
11:05	“DECENT HOMES: Distributed Evaluation of Carbon Emissions through NeTworked sensing in HOMES,” <i>Ross Wilkinson, Coventry</i>	30 mins
11:35	“Intelligent Home Energy Management,” <i>Siddhartha Ghosh, Southampton</i>	20 mins
11:55	“Frequency Response for the Intra-Vehicle Channel,” <i>Steven Herbert, Cambridge</i>	20 mins
12:15	“HVAC Comfort Control in Vehicle Cabins,” <i>Diana Hintea, Coventry</i>	20 mins
12:35	“Complexity in WSNs,” <i>Davide Zilli, Southampton</i>	15 mins
<b>12:50 – 13:50</b>	<b>Lunch</b>	
<b>13:50 – 16:00</b>	<b>Presentations (Afternoon Session)</b>	
13:50	“Energy Efficient Signal Acquisition in Wireless Sensor Networks - A Compressive Sensing Framework,” <i>Wei Chen, Cambridge</i>	20 mins
14:10	“Fall and Near Fall Detection with Wearable Sensors,” <i>Ojetola Olukunle, Coventry</i>	20 mins
14:30	“A low-power, distributed, pervasive system for supporting memory,” <i>Alex Wood, Southampton</i>	20 mins
14:50	“Posture and activity classification for real time applications,” <i>Ramona Rednic, Coventry</i>	30 mins
15:20	“Human-powered inertial energy harvesters: the effect of orientation, location and activity on obtainable power,” <i>Hui Huang, Southampton</i>	20 mins
15:40	“HEAT: Highly Efficient Autonomous Thermocouple system for gas turbine engine monitoring,” <i>James McCorrie, Coventry</i>	20 mins
<b>16:00</b>	<b>Close</b>	

Please remember to allow plenty of time for questions – in 15/20 min slots, please have only a 10 minute presentation; for 30 minute slots, please have only a 20 minute presentation.

*This event is open to all WiSE members. Please note that due to unknown attendance, refreshments may be available for only those directly involved in the day.*

Dr Geoff Merrett  
19/Sept/2011