



Forthcoming Meeting

EC³

Thames Valley Specialised Section
Electronics, Control Computing & Communications

Tracking fire fighters using Ultra Wide Band (UWB)

Gabriele Donà and Graeme Burden

Thales Research & Technology (UK) Ltd

Thursday 23rd April 2009 at 19:30

**Gordon Lecture Theatre, 'Engineering' Building,
University of Reading**

Light refreshments available from 19:00-19:30

In many emergency situations, particularly within buildings and other challenging environments such as forest fires, safety and co-ordination of operations is hampered by lack of knowledge of the exact location of the emergency personnel. Whilst the emergency services already make use of satellite positioning, once personnel enter more challenging environments, this location service is unavailable.

This lecture will introduce the technology developed to fill this capability gap, by combining Ultra Wide Band (UWB) signals with satellite positioning to determine the location of fire fighters in forest areas.

If you want to know more, come along. All are welcome and no ticket is required. Simply turn up on the night. For more details please contact Dr Richard Mitchell at rjmitchell@theiet.org, or 0118 378 6790

Directions Enter the University from the Pepper Lane entrance. At the roundabout turn right and enter car park 12 on the left when the road starts to bend. The Gordon Theatre is in the adjacent building (linking buildings 25 and 38). Please see maps at <http://www.reading.ac.uk/about/find/about-findmap.asp>