



## Sensor Technologies for the Detection and Prevention of CBRN Threats

Tuesday 21 September 2010, 76 Portland Place, London

09.40 Registration with tea and coffee

10.00 Introduction to the aims and objectives of LTN and the Security and Sensing Technologies Group  
Chair: **Dr George Loukas**, Leader, Security and Sensing Technologies Group, LTN

10.10 The UK's science and technology strategy for countering international terrorism

- The strategic context and the role of science and technology
- The threat of CBRN terrorism
- How industry and academia can help

**Keynote: Neil Stansfield**, Deputy Director - CONTEST Science and Technology, Office for Security and Counter Terrorism, **Home Office**

10.25 Future trends in chemical threat detection and monitoring

- Meeting the challenges
- Owlstone sensing technology
- Penetrating the market

**Dr Ashley Wilks**, Chief Systems Officer, **Owlstone**

10.40 Integrated genoproteomics approach for establishing biodetection markers

- Considering the benefits and challenges of sensing technologies in the prevention of biological threats
- Highlighting opportunities for industry/academic collaboration

**Professor Saheer Gharbia**, Head of Bioanalysis and Horizon Technologies, **Health Protection Agency**

10.55 Detecting radiation - A joined-up approach

- Who detects radiation now?
- What can emergency responders learn from industry?
- What could the future hold?

**Chris Abbott**, Principal Consultant CBRNE, **Detica**

11.10 Sensing and discriminating - challenges for radiation and nuclear sensing and protection

- Sensing and identification - radiation in air/particulate sensing
- Contamination survey - alpha/beta-wide area survey
- Shielded materials - challenges for search and border operations
- Medical diagnosis

**Stephen Johnson**, CBRNE Principal Adviser, **Thales UK**

11.25 Question and answer session with the audience and speaker panel

12.00 Lunch and networking session with 1-2-1 partnering meetings and academic posters

13.00 End of workshop

Funded by:



To register contact Holly Parker at [H.Parker@LTNetwork.org](mailto:H.Parker@LTNetwork.org) or on 0870 730 8688

© LTN 2010 programme may be subject to change



## LTN's Security & Sensing Technologies Group

A special interest group bringing together the best experts from industry, academia and government, across the Greater South-East, to stimulate knowledge exchange

The Group produces regular networking events which have discussed a range of topics, attracting over 800 representatives from across the public and private sectors. Membership is free and includes:

- Priority invitations to the Group's seminars, workshops, networking events and notification of funding opportunities
- Regular e-newsletters, with the latest sector news and listings of UK and international events
- Access to Enterprise Europe Network – a multi-partner consortium spanning 44 countries across Europe

If you would like further information or would like to become a member of this group please contact Natalie Tamiollo, Special Interest Group Manager at [N.Tamiollo@LTNetwork.org](mailto:N.Tamiollo@LTNetwork.org) or on 0870 730 8683

## Registration and Payment

**Commercial – £90.00 (+ VAT = £15.75) – £105.75**

**Academics, government & SMEs – £70.00 (+ VAT = £12.25) – £82.25**

Please note that the SME (Small and Medium Enterprises) rate is available to companies with up to 250 employees

**All payments must be received prior to the conference and should be made within 14 days of receiving a provisional place.** Attendance will be confirmed upon receipt of payment. Prices include all refreshments and delegate documentation. To find out about different payment methods, email **Holly Parker at [H.Parker@LTNetwork.org](mailto:H.Parker@LTNetwork.org)**.

**Cancellations must be made at least 7 days prior to the event.**

## HOW TO GET THERE

The event will take place at 76 Portland Place, London, W1B 1NT. For details on the venue please call 020 7470 4884 or visit: [www.76portlandplace.com](http://www.76portlandplace.com)

### By National Rail

**76 Portland Place** is located just a 10 minute taxi ride from King's Cross St. Pancras and the nearest Tube station, Great Portland Street, is just six minutes' walk away

### Underground

The nearest underground stations are:

**Great Portland Street** (Circle, Metropolitan and Hammersmith and City lines)

**Regents Park** (Bakerloo line)

**Oxford Circus** (Victoria, Central and Bakerloo lines)

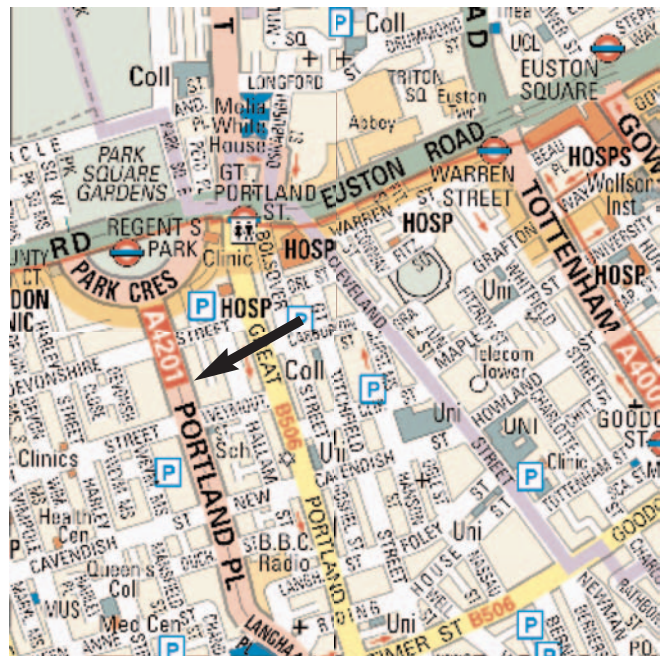
Information and journey planners at: [www.thetube.com](http://www.thetube.com)

### Bus

Bus numbers 88, 453 and C2 go directly along Portland Place and many other bus routes run on Marylebone Road at the top of Portland Place or Oxford Street at the bottom

### Parking and Congestion Charging

**76 Portland Place** is inside the London Congestions Charging Area, information can be found at [www.cclondon.com](http://www.cclondon.com). The nearest NCP is at 6-7 Weymouth Mews, London W1N 3AA, phone 020 7636 6313. Bikes may be secured on Portland Place



Funded by:



Neither the European Commission nor the Executive Agency for Competitiveness and Innovation nor any person acting on behalf of them is responsible for the use which might be made of the information contained herein. The views in this publication are those of the author and do not necessarily reflect the policies of the European Commission.

To register contact Holly Parker at [H.Parker@LTNetwork.org](mailto:H.Parker@LTNetwork.org) or on 0870 730 8688

© LTN 2010 programme may be subject to change