



## Agenda – Image and Video Processing

### Summary of the event

**This UDRC Themed meeting will investigate the challenges that are involved in Image and Video Processing in a defence context. It will also be an opportunity for the image and video signal processing community to identify synergies, share experiences and views, and to understand Dstl challenges in this important area.**

### Timings

Tuesday 17<sup>th</sup> May 2016  
9:30 am till 4:30pm

9:00 am to 9:30 am	<i>Refreshments and Registration</i>
9:30 am to 9:40 am	Introduction and Welcome <i>Dr Yulia Hicks</i>
9:40 am to 10:25am	Real-time Target Analysis and Reporting from Infrared Imagery within a Fused Wide-Area Surveillance Context <i>Dr Toby Breckon, Durham University</i>
10:25 am to 11:00am	Real-time challenges in a military environment <i>Dr Ian Brown, Thales UK Ltd.</i>
11:00 am to 11:20 am	<i>Refreshments</i>
11:20 am to 11:50 am	LSSCN Consortium: Video based situation assessment for autonomous vehicles - <i>Dr Yulia Hicks, Cardiff University</i>
11:50 am to 12:20 pm	LSSCN Consortium: Activity recognition and anomaly detection in video using temporal and discriminative analysis - <i>Dr Ioannis Kaloskampis, Cardiff University</i>
12:20 pm to 12:50 pm	Edinburgh Consortium: A deep learning strategy for wide-area surveillance - <i>Alessandro Borgia, Heriot-Watt University</i>



12:50 pm to 1:50 pm

***Lunch and Posters***

1:50 pm to 2:30pm

Prizes from previous Themed meeting & Dstl and Roke Manor Research present current challenges from the Image and Video Signal Processing domain

2:30 pm to 3:30 pm

Refreshments available and split into groups to discuss solutions to the challenges

3:30 pm to 3.45pm

Each group presents findings with an open discussion.

3.45 pm to 4.00 pm

Close