

## **Sensing and Privacy Workshop**

Monday, 24 April 2017 – Room: Scape 3.01

2:15pm Arrival and registration

2:30pm **Welcome and introduction**

2:40pm **Surveillance & privacy session** (talks and Q&A)

**Biometrics at the borders: between efficiency and privacy protection** - *Niovi Vavoula*

Over the past few decades, there has been an increasing interest in using biometric identifiers at the borders in order to perform immigration control. This presentation takes stock of the most recent developments in the field at EU and international level and explains why biometrics should not be a panacea due to serious privacy concerns.

**Design space exploration for adaptive privacy protection in airborne images** - *Omair Sarwar*

Airborne cameras on low-flying unmanned vehicles introduce new privacy challenges due to their mobility and viewing angles. In this talk, we focus on face recognition from airborne cameras and explore the design space to determine when a face in an airborne image is inherently protected. Moreover, when individuals are recognizable by facial recognition algorithms, we propose an adaptive filtering mechanism to lower the face resolution in order to preserve privacy while ensuring a minimum reduction of the quality of the image.

3:00pm group discussion: Future collaborations and funding opportunities

3:30pm Coffee break

4:00pm **Invited talk**

**Looking after things** - *Nye Thompson*

For the last year artist Nye Thompson has been collecting and working with found images originating from unsecured IP security cameras, as part of her project "Backdoored" ([www.backdoored.io](http://www.backdoored.io)). Her aim is to raise awareness of privacy issues - particularly in relation to the IoT, and also to explore the psychological and emotional side of our surveillance culture.

4:45pm Presentation of the next Sensing and Privacy workshop

5:00pm Closure and networking

**QMUL Sensing and Privacy initiative** - <http://cis.eecs.qmul.ac.uk/privacy.html>