

2014 Oxford Biomedical Imaging Festival

Garden Quad, St John's College, 23rd October 2014

Organisers: Peter Jezzard, Ian Dobbie, Matthew Robson, Niki Sibson and Damian Tyler

08:50-09:20: Registration and poster set up

09:20-09:30: Welcome and Introduction

09.30-10.45: Platform Session 1: Commercial Exploitation of Imaging Science (Chair: TBD)

- **09.30-09.50:** Mike Brady (Oncology) - Fusing data across modalities
- **09.50-10.10:** Tony Wilson (Eng Science) - Optimized structured illumination microscopes
- **10.10-10.30:** Rajarshi Banerjee (Perspectum and RDM) - Non-invasive liver biopsies
- **10.30-10.45:** TBD (ISIS) - Practicalities of commercial exploitation and discussion

10.45-11.45: Poster Session 1 + Tea/Coffee: Odd numbered posters presented, and opportunity to network

11.45-12.45: Annual Guest Lecture: [Han Wen](#), NHLBI, National Institutes of Health, USA: "X-ray phase-based biomedical imaging" (introduced by Peter Jezzard)

12.45-13.45: Buffet Lunch

13:45-15:00: Platform Session 2: New Imaging Probes (Chair: TBD)

- **13.45-14.05:** Eleanor Stride (IBME) - Diagnostic and therapeutic use of ultrasound micro-bubble agents
- **14.05-14.25:** Stephen Faulkner (Chemistry) – Use of metal complexes as imaging and contrast agents
- **14.25-14.45:** Nicola Sibson (Oncology) – Targeting inflammation to detect tumour spread by molecular MRI
- **14.45-15.00:** Proffered Talk: TBD

15.00-16.00: Poster Session 2 + Tea/Coffee: Even numbered posters presented, and opportunity to network

16.00-17.00: Platform Session 3: Mathematical Modelling of Imaging Data (Chair: TBD)

- **16.00-16.20:** Helen Byrne (Maths) - Modelling tumour growth
- **16.20-16.40:** Stam Sotiropoulos (fMRIB) - Assessing cortical connectivity with diffusion MRI
- **16.40-17.00:** Jens Rittscher (IBME) - Extracting microscopic information

17:00: Close