

2016 Fast Imaging Sensors Workshop Programme

Monday, April 18	
2:00	Arrival and Registration (Ship Street Centre, Jesus College)
3:00	Opening Remarks Mark Brouard, University of Oxford
Session 1	
3:05	Applications of the PImMS high-speed imaging sensor Claire Vallance, University of Oxford
3:45	Enantiomer specific analysis of multi-component mixtures by correlated electron-ion imaging mass spectrometry Ivan Powis, University of Nottingham
4:25	Time resolved fast optical imaging with TimepixCam Arthur Zhao, Stony Brook University
5:00	Poster Session
7:30	Dinner (Vaults & Garden Café, University Church)

Tuesday, April 19	
8:00	Breakfast and Check Out (Dining Hall, for those staying at Jesus College)
Session 2	
9:00	Timepix: nanosecond imaging with hybrid pixel detectors Richard Plackett, University of Oxford
9:40	CMOS image sensors for high-speed imaging Renato Turchetta, Rutherford Appleton Laboratory
10:20	DAQ technology for fast imaging sensors Rob Halsall, Rutherford Appleton Laboratory
11:00	Coffee & Tea
Session 3	
11:20	Time-resolved imaging of molecular dynamics using free-electron lasers Rebecca Boll, Deutsches Elektronen-Synchrotron
12:00	Coincidence studies of bimolecular reaction dynamics using position-sensitive time-of-flight mass spectrometry Steve Price, University College London
12:40	Adapting the PImMS sensor for use at a neutron spallation source; an update on the GP2 imaging detector Dan Pooley, Rutherford Appleton Laboratory
1:15	Lunch (Ship Street Centre, Jesus College)
Session 4	
2:00	Characterising microbubbles for ultrasound imaging and therapy Eleanor Stride, University of Oxford
2:40	Mass spectrometry imaging applied to resolving drug efficacy and toxicity during pharmaceutical research and development Richard Goodwin, AstraZeneca
3:20	Metrology for high resolution and high throughput mass spectrometry imaging Josephine Bunch, National Physical Laboratory
4:00	Departure