

Super-Resolution Workshop Programme
Friday 3 July 2015

08.45-09.00	Registration	
	Analysis of Single Molecules/Super-Resolution Images	
09.00-09.15	<i>Ellipsoid Localisation Microscopy</i>	Eric Rees
09.15-09.30	<i>Common file format for PALM/STORM data that is compatible with OME</i>	Pedro Almada
09.30-09.45	<i>Fast nanoscopy with ImageJ through Super-Resolution Radial Fluctuations</i>	Siân Culley
09.45-10.00	<i>Local dimensionality determines maximum localisation microscopy acquisition speed</i>	Patrick Fox-Roberts
10.00-10.15	<i>Co-orientation: Quantifying simultaneous co-localization and orientational alignment of filaments in light microscopy</i>	Robert Nieuwenhuizen
10.15-10.30	<i>Sparse systems are no blinking good</i>	Justin Molloy
10.30-11.00	Coffee/Tea	
11.00-12.00	<i>Illuminating biology at the nanoscale with Super-Resolution Imaging</i>	Xiowei Xhuang
12.00-13.30	Lunch	
	Demonstrations of iSIM, PALM/STORM and Airy Scan (Zeiss)	
13.30-13.45	<i>Correlative STED and AFM imaging of amyloid self-assembly reactions</i>	Pierre Mahou
13.45-14.00	<i>Multicolour storm</i>	TBA Ashley Cadby lab
14.00-14.15	<i>iSIM</i>	Alistair Curd
14.15-14.30	<i>Design and characterization of a STED microscope for thick sample imaging</i>	George Sirinakis
14.30-15.00	<i>Interferometric scattering microscopy – from label-free detection of single molecules to Super-Resolution imaging without fluorescence</i>	Phillipp Kukurra
15.00-15.30	Tea/Coffee	
15.30-15.45	<i>Putting Super-Resolution to work</i>	Seamus Holden
15.45-16.00	<i>SPADs (Single Photon Avalanche Diodes)</i>	Istvan Gyongy
16.00-16.15	<i>Using Super-Resolution microscopy to identify human platelet granule disorders</i>	Alex Knight
16.15-16.30	<i>Implementations of the Muller & Enderlein trick</i>	Steven Coleman
16.30-17.00	<i>General Discussion</i>	
17.00	End	