SCHEDULE | **Symposium: New frontiers in super-resolution microscopy using MINFLUX in Heidelberg**

8.30-9.00	Registration, 2G+	
9.00-12.30	**Session I**	Chair: Thomas Kuner
9.00-9.10		Welcome
9.10-9.40		Jessica Matthias; Max Planck Institute for medical research, Heidelberg **MINFLUX – The Concept and Current Implementations**
9.40-10.10		Hans-Georg Kräusslich; Heidelberg University **Super-resolution microscopy of early HIV replication**
10.10-10.40		Jonas Ries; EMBL **MINFLUX for dynamic structural cell biology**
10.40-10.55		Wei Xiong; Heidelberg University **Single Molecule Localization Microscopy Combined with Persistent Homology based Methods Reveals Radiation Induced Chromatin Rearrangements**
10.55-11.10		Nina Ullrich; Heidelberg University **Structural and functional remodeling of t-tubules and gap junctions in iPSC-derived cardiomyocytes**
11.10-11.40	Coffee Break	
11.40-12.40	**Session I** (continued)	Chair: Jessica Matthias
11.40-12.10		Sandra Schifferdecker; Heidelberg University **Direct HIV-1 capsid protein labeling and the application of MINFLUX nanoscopy**
12.10-12.40		Mike Heilemann; Frankfurt University **Integrative super-resolution microscopy for structural cell biology**
12.40-14.00	Light Lunch	

14.00-17.30	**Session II**	Chair: Freddy Frischknecht
14.00-14.30		Isabelle Jansen / Ulf Matti; Abberior GmbH **2D and 3D MINFLUX for Multicolor Bio-Imaging at the Nanometer Scale**
14.30-15.00		Michael Lanzer; Heidelberg University **Imaging the membrane skeleton of Plasmodium falciparum-infected erythrocytes**
15.00-15.15		Elisa d'Este; Max Planck Institute for medical research, Heidelberg **Complementary application of STED and MINFLUX to neuroscience in the optical microscopy facility of the Max Planck Institute for Medical Research**
15.15-15.30		Sebastian Schnorrenberg; EMBL **MINFLUX microscopy at the EMBL Imaging Centre**
15.30-16.30	Coffee Break	
16.30-17.30	**Session II** (continued)	Chair: Sandra Schifferdecker
16.30-17.00		Andres Jäschke; Heidelberg University **Super-resolution microscopy of RNA**
17.00-17.30		Thomas Kuner; Heidelberg University **Synaptic nanoarchitecture and protein sociology: highly multiplexed delineation of structural principles**
17.30-18.00		Discussion Round & End of Meeting