

7th Leica Microsystems Super-resolution User Club Meeting

24th - 26th October 2017



Institute of Molecular Genetics of the ASCR, v. v. i., Vídeňská 1083
Prague 4, Czech Republic

24th October

(13:30) **Dr Jindřiška Fišerová**, Institute of Molecular Genetics of the CAS
Using super-resolution to determine the nuclear periphery organization

(14:30) **Dr Eugene Katrukha**, Division of Cell Biology, Utrecht University
Resolving cytoskeleton using multi-color STED and expansion microscopy

25th October

(09:10) **Dr Susan Cox**, *Randall Division of Cell and Molecular Biophysics, Kings College London*
Information in localisation microscopy

(10:10) **Prof Christian Eggeling**, *Wolfson Imaging Centre at the Weatherall Institute of Molecular Medicine, Oxford University*
Super-resolution microscopy: Challenges, potentials and applications in biomedical research

(14:00) **Prof Marc van Zandvoort**, *Dept. of Genetics & Cell Biology – MCB, School for Cardiovascular Diseases CARIM, Maastricht University*
From Lamin to Lipids: STED as a tool in biomedical research

(15:00) **Dr Jordi Andilla**, *Institute of Photonic Sciences, Barcelona*
Unveiling structural Super-resolution information of human amyloid- β plaques by combining STED microscopy and array-tomography

(15:20) **Dr Martin Offterdinger**, *Medical University Innsbruck CCB, Division of Neurobiochemistry Biooptics*
Live-cell STED using mNeonGreen

26th October

(09:00) **Prof Dr Torsten Ochseneiter**, *University of Berne*
Using super-resolution microscopy to elucidate the mitochondrial genome segregation machinery in *Trypanosoma brucei*

(09:50) **Dr Camille Boutin**, *IBDM CNRS, Marseilles*
Deciphering molecular control of deuterosome mediated centriole mass production

(10:40) **Dr Frédéric Leroux**, *Leica Microsystems, Germany*
Correlative methodologies in life science research: a practical approach