

WORKSHOP

European Initiatives for the Next Generation of Nanoscopies in Biosciences

Chair: Dr. Hutomo Wasisto, Technische Universität Braunschweig

Date: September 11, 2018

Time : 13 :30 – 17 :15

Location: Graz, Austria

PROGRAMME

Presenter	Topic	Time
Dr. Hutomo Wasisto Technische Universität Braunschweig	Welcome	13:30 – 13:40
Prof. Dr. Martin Booth University of Oxford	Adaptive Optical Microscopy Systems: Unifying Theory, Practice and Applications - The Adomis Project	13:40 – 14:05
Dr. Daniel Prades Universitat de Barcelona	Overcoming the Limits of Diffraction by Super-Resolution Lightning on a Chip - The ChipScope Project	14:05 - 14:30
Prof. Dr. Erwin Peterman Vrije Universiteit Amsterdam	Pioneering Chromosome Imaging and Manipulation - The Chromavision Project	14:30 – 14:55
	Coffee Break	14:55 – 15:15
Dr. Ralf Jungmann Ludwig-Maximilians-Universität München	From Tissues to Single Molecules: High Content in Situ Super-Resolution Imaging with DNA-PAINT - The Molmap Project	15:15 – 15:40
Prof. Dr. Wolfgang Drexler Medizinische Universität Wien	Ophthalmic OCT on a Chip - The OptChip Project	15:40 – 16:05
Dr. Marta Fajardo Universidade de Lisboa	Volumetric Medical X-Ray Imaging at Extremely Low Dose - The Voxel Project	16:05 – 16:30
Dr. Peter Gnauck Carl Zeiss Microscopy GmbH	Integrated instrument for accurate and reproducible physico-chemical characterisation of nanoparticles -The npScope Project	16:30-16:55
Dr. Hutomo Wasisto Technische Universität Braunschweig	Wrap-up and Final Discussion	17:00 – 17:15
	End	17:15

