

WORKSHOP

European Initiatives for the Next Generation of Nanoscopies in Biosciences

Chair: Dr. Hutomo Wasisto, Technische Universität Braunschweig

Date: September 11, 2018

Time : 14 :30 – 18 :30

Location: University of Graz - ReSoWi (Institute of Law), Universitätsplatz 15, room HS 15.12 (first floor)

PROGRAMME

Presenter	Topic	Time
Dr. Hutomo Wasisto Technische Universität Braunschweig	Welcome	14:30 – 14:40
Prof. Dr. Martin Booth University of Oxford	Adaptive Optical Microscopy Systems: Unifying Theory, Practice and Applications - The Adomis Project	14:40 – 15:05
Dr. Daniel Prades Universitat de Barcelona	Overcoming the Limits of Diffraction by Super-Resolution Lightning on a Chip - The ChipScope Project	15:05 - 15:30
Prof. Dr. Erwin Peterman Vrije Universiteit Amsterdam	Pioneering Chromosome Imaging and Manipulation - The Chromavision Project	15:30 – 15:55
	Coffee Break	15:55 – 16:30
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	16:30 – 16:55
Prof. Dr. Wolfgang Drexler Medizinische Universität Wien	Ophthalmic OCT on a Chip - The OPTChip Project	16:55– 17:20
Dr. Marta Fajardo Universidade de Lisboa	Volumetric Medical X-Ray Imaging at Extremely Low Dose - The Voxel Project	17:20 – 17:45
Dr. Peter Gnauck Carl Zeiss Microscopy GmbH	Integrated instrument for accurate and reproducible physico-chemical characterisation of nanoparticles -The npScope Project	17:45-18:10
Dr. Hutomo Wasisto Technische Universität Braunschweig	Wrap-up and Final Discussion	18:10 – 18:30
	End	18:30

