

The course is organized by the Institute of Molecular Genetics of the Czech Academy of Sciences in the framework of the Czech-Biolmaging research infrastructure supported by The Ministry of Education, Youth and Sports (LM2015062)



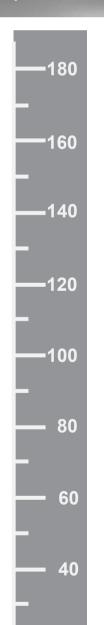


SUPER-RESOLUTION 2021



December 7-9, 2021 Institute of Molecular Genetics of the Czech Academy of Sciences Prague | Czech Republic

https://www.img.cas.cz/events/courses/



maximizing of the spatial resolution with CONFOCA scanning microscope

adaptive deconvolution Lightning improves the image resolution

real time super-resolution SRRF-Stream on spinning disc confocal microscope

classical SIM ... and Lattice SIM new structured illumination concept of superfast imaging

Lattice SIM² with enhanced resolution in structured illumination microscopy

pulse versus continuous wave depletion laser in SIED nanoscopy

single molecule localization microscopy with 3D PALM module



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