

# SUPER-RESOLUTION in light microscopy



June 7-9, 2022  
Institute of Molecular Genetics  
of the Czech Academy of Sciences  
Prague | Czech Republic

<https://course.img.cas.cz/slm/>

3 days  
7 theoretical lectures  
4 scientific short lectures  
8 hands-on sessions  
6 company presentations

**LIGHT MICROSCOPY**

The practical hands-on oriented course is strongly focused on super-resolution methods in light fluorescence microscopy field. The major objective of the course is to introduce newly available methods and cutting-edge machines to potential users: PhD students, postdocs and researchers in the biology.



Lightning

*Leica STELLARIS 8*

SRRF

*Andor Dragonfly*

SIM

*DeltaVision OMX V4*

Lattice SIM, SIM<sup>2</sup>

*Zeiss Elyra 7*

3D STED

*Leica SP8 STED 3X*

3D PALM

*DeltaVision OMX V4 + Zeiss Elyra 7*

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



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