



November 12 - 14, 2018

IMG CAS Prague | Czech Republic



SUPERRESOLUTION IN LIGHT MICROSCOPY

PROGRAM

Monday, November 12, 2018

8:30-9:00

REGISTRATION

9:00 -9:10

Introductory word. *Ondrej Horváth*

9:10 - 9:30

Practical info - *Ivan Novotný*

LECTURES

9:30 - 10:20

STED - principles, theoretical background. *Ivan Novotný*

coffee break

10:30 - 11:30

SIM - principles, theoretical background. *Martin Čapek*

11:30 - 12:20

SMLM - principles, theoretical background. *Marie Olšinová*

Lunch

13:20 - 14:30

Self-presentations of participants - 12x 4 min short talk

14:30

group 1 - TRANSFER TO BIOCEV

PRACTICAL SESSIONS

15:00 - 19:30

group 1

group 2

group 3

SMLM

STED

SIM

T u e s d a y, November 13, 2018

LECTURES

8:30 - 9:00

SIM and revealing mutual relationships of sperm proteins. *Michaela Frolíková*

9:00 - 9:20

SRRF. *Petr Kolář*

coffee break

9:30 - 10:00

STED & cytoskeleton. *Anastasiya Klebanovych*

10:00 - 10:30

RESOLFT, RESCue and MINField. *Aleš Benda*

10:30 - 11:50

Presentations of partners (4 presentations per 20')

Lunch

13:00

group 2 - TRANSFER TO BIOCEV



PRACTICAL SESSIONS

13:30 - 18:00

group 1

group 2

group 3

SIM

SMLM

STED

19:00 - 23:00

Social event

LECTURES

9:00 - 9:30

Sample preparation & limitation in SR. *Anna Malinová*

9:30 - 10:00

Bacillus subtilis in SIM. *Michaela Šíková*

coffee break

10:15 - 10:45

Live cells in SR & challenges. *Ivan Novotný*

10:45 - 11:15

Cajal bodies in live cell SR. *Davide Basello*

Lunch

12:00

group 3 - TRANSFER TO BIOCEV

PRACTICAL SESSIONS

12:30 - 17:00

group 1

group 2

group 3

STED

SIM

SMLM

17:00

group 3 - TRANSFER back to IMG

17:30 - 18:00

Final discussion & pizza



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



The workshop is organized in the framework of the Czech-BioImaging research infrastructure supported by MEYS (LM2015062)

Partners of the course:

