

Super-Resolution Workshops



Next Dimension with STED (Stimulated Emission Depletion) microscopy TCS SP8 STED 3X and evolution of the resolution with Super-Resolution System for 3D Localization Microscopy Leica SR GSD 3D





Free workshop on Super-Resolution microscopy: two different methods for Super-Resolution, TCS SP8 STED 3X, Leica SR GSD 3D.

Hands on session with STED.

Date: May 15-16, 2014

Place: Institute of Molecular Genetics AS CR, Videnska 1083, Prague 4 (meeting room 0.195

ground floor)

May 15 Thursday:

8:30 Registration

8:45 Welcome

09:00 - 09:45 **Dr. Jens Peter Gabriel**, Product and Application Manager Widefield, "Super-Resolution Microscopy by Single-Molecule Localization with Leica SR GSD 3D".

09:45 – 10:30 **Jochen Sieber** Product Manager Super-Resolution Technologies "Leica TCS SP8 STED 3X -New Dimensions in Super-Resolution Microscopy"

10:30 - 10:45 Coffee break

10:45 – 18:30 **Demonstration and Hands on session** (each session 90 min. – registration obligatory)

May 16 Friday:

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09:00 – 16:30 **Demonstration and Hands on session** (each session 90 min. – registration obligatory)

Registration:

Please register as soon as possible, the capacity is limited!

Use the links in the table for registering at a particular hands-on session:

Session: Thursday 15 May 2014, 10:45-12:15	Session: Friday 16 May 2014, 09:00-10:30
Session: Thursday 15 May 2014, 13:15-14:45	Session: Friday 16 May 2014, 10:45-12:15
Session: Thursday 15 May 2014, 15:00-16:30	Session: Friday 16 May 2014, 13:15-14:45
Session: Thursday 15 May 2014, 16:45-18:15	Session: Friday 16 May 2014, 15:00-16:30

Info:

The registration for demonstration and hands on sessions is obligatory.

Each session - 90 min., max 6 people.

Register for a particular time slot in the registration form.

Participants from Prague are kindly requested to register for Friday in order to allow participants out of Prague select slots on Thursday.

Please be present for the hands on session 15 minutes before.

You can bring your own samples but be aware that only 2 samples can be done in 1 hands on session. Please inform us about your specimens and follow the <u>sample preparation guide</u> for STED.

The workshop is limited to researchers and technicians from public research institutions and universities. Due to a limited space the workshop is not intented for representatives of the private sector. Thank you for undestanding.

Contact person: Martin Kopecký, kopecky@mikro.cz

Registration – Markéta Morská, morska@img.cas.cz