

# SUPER-RESOLUTION MICROSCOPY STUDIES

Hands-on session with Leica STED 3X

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## November 18-20/2015

Brno, Bohunice University Campus, building A2, room 1.14

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**Dr. Martin Anger** (Director of CEITEC VRI, Research group leader)

**Prof. Pavel Hozak** (Head of Group, Structures of the Cell Nucleus in Gene Expression, IMG Prague)

**Ladislav Náměstek** (Sales director, Pragolab)

**Ulf Schwarz** (Application Manager, Leica Microsystems CMS GmbH)

**Andreas Nowak** (Sales & Product Manager – Nanotechnology, Leica-microsystems, Specion, s.r.o.)

**Ing. Pavel Košulič** (Technical service director, Baria)

Registration [HERE](#)



## PROGRAMME

November 18, Wednesday

08:30	Registration	
08:45	Welcome by Martin Anger and Ladislav Náměstek	
09:00 - 09:45	<b>Challenges of segregating chromosomes in oocytes - Dr. Martin Anger</b>	
09:45 - 10:30	<b>Leica TCS SP8 STED 3X: New Dimensions in Superresolution Microscopy - Ulf Schwarz</b>	
10:30 - 11:00	Coffee break	
11:00 - 11:45	<b>Phospholipids involvement in gene transcription visualized by microscopy - Prof. Pavel Hozak</b>	
11:45 - 12:15	<b>CLEM and cryo CLEM for cryo TEM - Andreas Nowak</b>	
12:15 - 12:35	<b>Digital scanning systems – useful tool in tissue imaging - Ing. Pavel Košulič</b>	
13:30 - 16:45	Demonstration and Hands on session (each session 90 min. – registration obligatory)	
	13:30 – 15:00	Hands on session 1
	15:00 – 15:15	Rotation time / Coffee
	15:15 – 16:45	Hands on session 2
	16:45 – 17:00	Rotation time / Coffee
	17:00 – 18:30	Hands on session 3

November 19, Thursdays

09:00 - 17:00	Demonstration and Hands on session (each session 90 min. – registration obligatory)	
	09:00 – 10:30	Hands on session 4
	10:30 – 10:45	Rotation time / Coffee
	10:45 – 12:15	Hands on session 5
	12:15 – 13:30	Break
	13:30 – 15:00	Hands on session 6
	15:00 – 15:15	Rotation time / Coffee
	15:15 – 16:45	Hands on session 7
	16:45 – 17:00	Rotation time / Coffee
	17:00 – 18:30	Hands on session 8

November 20, Friday

09:00 - 17:00	Demonstration and Hands on session (each session 90 min. – registration obligatory)	
	09:00 – 10:30	Hands on session 9
	10:30 – 10:45	Rotation time / Coffee
	10:45 – 12:15	Hands on session 10
	12:15 – 13:00	Break

## 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:

## INFO

The registration for demonstration and hands on sessions is obligatory. Each session - 90 min., **max 5 people**. Register for a particular time slot in the registration form. 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 you should inform us about your samples before. Contact person: Martin Kopecký, [kopeccky@pragolab.cz](mailto:kopeccky@pragolab.cz)**