

HOLOTOMOGRAPY



Tomocube

WORKSHOP

Revolutionary Holotomography opens a new era in label-free 3D live cell imaging.

HT-X1 Theoretical introduction
The system installed on site
Open hands-on sessions for live-cells imaging



24–27 September, 2024

Institute of Molecular Genetics
of the Czech Academy of Sciences, Prague, CZ

Registration is required

<https://www.img.cas.cz/2024/08/82515-holotomography-workshop-tomocube-ht-x1/>

PROGRAM

Tuesday, September 24, 2024

- 09:20-09:30 Welcome
- 09:30-10:00 Denisa Petráčková: *Non-invasive visualization of bacteria*
- 10:00-10:40 Bruno Combettes : *Principles of HOLOTOMOGRAPHY and system overview*
- 10:40-11:10 Josef Novak: *Quantitative imaging of cell migration within ECM Matrigel environment*
- 11:10-11:30 BREAK
- 11:30-12:00 Tomáš Groušl: *Experience with quantitative imaging and analysis*
- 12:00-12:30 Bruno Combettes : *Holotomography applications and AI based tools for image quantitative analysis*
- 13:00 Closing remarks

HANDS-ON SLOTS

Tuesday, September 24, 2024

- 14:00-15:30 1st Hands-on session

Wednesday, September 25, 2024

- 09:30-11:00 2nd Hands-on session
- 11:15-12:45 3rd Hands-on session
- 14:00-15:30 4th Hands-on session

Thursday, September 26, 2024

- 09:30-11:00 5th Hands-on session
- 11:15-12:45 6th Hands-on session
- 14:00-15:30 7th Hands-on session

Friday, September 27, 2024

- 09:30-13:00 OPEN SESSION
- 13:00 Closing workshop

