

# Oulu Imaging Day, November 27<sup>th</sup> 2024

*A joint event between imaging laboratories of University of Oulu and Oulu University Hospital*

**Theme:** Oulu Imaging (OI) Day is a joint event bringing together research from multiple faculties, focus institutes, University Hospital and other actors to facilitate interactions between different disciplines under a common theme of imaging and image data analysis.

**Date & time:** Wed, November 27<sup>th</sup>, 2024, at 12.00 – 16.00.

**Location:** Pharmacology lecture hall F202, Kontinkangas Campus, Aapistie 5A

**Study credits:** 0.3 ECTS (for lectures only)  
0.5 ECTS (lectures + participation in OI Science Image Contest)

**Registration:** By webropol link [OIDay2024](#). Registration closes on November 19, 2024.

Registered participants will receive an upload link to submit their images to  
**OI Image Contest 2024.** NOTE! One image per participant.

**More info:** [Teija Luoto](#) for the event and [Veli-Pekka Ronkainen](#) for the OI Science Image Contest.

## PROGRAM

### Session 1

12.00-12.05 Opening of the Oulu Imaging Day 2024, Lauri Eklund (FBMM, BCO)  
12.05-12.25 “Micro-Computed Tomography and X-ray Microscopy”, Mikko Finnilä (FMED)  
12.25-12.45 “New Full Spectrum Cell Sorter with Cellview Imaging Technology”, Nora Pernaa (FMED, BCO)  
12.45-13.05 “A Novel Platform for Intraoperative Imaging”, Angelos Fylakis, Innomentarium Ltd.  
13.05-13.25 “Cryogenic Electron Microscopy for Biomolecular 3D Structural Studies”,  
Albert Galera-Prat (FBMM)

### 13.25-14.00 *Coffee, voting for the best Science Image*

### Session 2

14.00-14.20 “Fast fMRI. High-Temporal MREG for Brain Pulsation Imaging and Analysis”,  
Lauri Raitamaa (FMED)  
14.20-14.40 “Biological Electronmicroscopy”, Ilkka Miinalainen (BCO)  
14.40-15.00 “Imaging Techniques in Material Sciences”, Janne Remes (CMA)  
15.00-15.20 “New Vistas in Naturalistic Neuroscience - Towards Virtual Reality and Sensor Tech  
Integration”, Juha Salmitaival (the Faculty of Education and Psychology)

### 15.20-16.00 **OI Science Image Contest awards and closing of the day**