



A joint event of Oulu Biolmaging network and Summer School on Optics & Photonics

UNIVERSITY OF OULU

HOW TO APPLY STUDYING RESEARCH COOPERATION UNIVERSITY Q

OBI - Oulu Biolmaging Facilities Resources Education Cooperation

OBI – Oulu Biolmaging day June 1, 2017

Photonics Summer School Partners Programme Registration Venue and Accommodation Committees Contacts

Summer School on Optics & Photonics
June 1-3, 2017, Oulu, Finland

Oulu Biolumaging (OBI) network brings together biologically, technically, and medically oriented imaging laboratories in the Oulu area				
Oulu Biolumaging – OBI network				
Biocenter Oulu Tissue Imaging Center (BCO-TIC) A-LM, TEM, SEM, OPT, MP, <i>in vivo</i> bioluminescent and ultrasound small animal imaging	Center for Machine Vision and Signal Analysis, Infotech Oulu, Faculty of Information Technology and Electrical Engineering (CMVS) Computer vision -based image analysis	Center of Microscopy and Nano-Technology, (CMNT) Services for micro- and nanotechnology and materials science SEM, FIB-SEM	Optoelectronics and Measurement Techniques Laboratory, Faculty of Information Technology and Electrical Engineering (OEM) Photonics, laser-tissue interactions, Instrumentation	Research Unit of Medical Imaging, Physics and Technology Department of Radiology Oulu University Hospital Medical Research Center (MRC) Pre-clinical and medical imaging technologies Oulu Functional Neuroimaging Department of Medical Technology Institute of Biomedicine
Regular OBI meetings	Annual OBI Day (2012-)	OBI Education Curriculum (www oulu.fi/obi/education)	Multidisciplinary collaborations (BF, UO, AF, Tekes, ERDF, H2020 funded projects)	Oulu participation in Euro-Biolumaging ESFRI project

Training & early career

- Ph.D., University of Oulu, 1986
- Adjunct professor in Biophysics and Cell Biology, University of Oulu, 1990
- Post doc in University of Groningen, the Netherlands
- Senior assistant in Department of Pathology, University of Oulu, 1991-1997

Current research

- Independent group leader, 1996 -
- Differentiation and malignant transformation of epithelial cells

Research administration & infrastructure development

- BCO and Light Microscopy Coordinator, 1996 – 2011
- Director of Strategic Research Services University of Oulu, 2011-2017 (retired).
- Founder of Oulu Bioimaging Network, 2010
- BCO representative in the Biocenter Finland imaging network, 2007-2011
- Primus motor of Oulu participation to EuroBiolumaging ESFRI project, interim operation started in 2016



Sinikka Eskelinen

Oulu node site for
EuBI-ESFRI

