

Steering Board of the KTH Laser Lab

Director: Valdas Pasiskevicius, PhD. Professor at KTH Applied Physics department, overall responsible for KTH Laser Lab infrastructure.

Technical Director: Björn Hessmo, PhD. Experienced research engineer with deep knowledge in laser systems, quantum optics, vacuum and gas equipment, optics, optomechanics and electronics.

Members:

Joakim Bood, PhD. Professor at Lund University, engaged in environmental monitoring using laser techniques, leading Laser Center at Lund University, responsible for Lund Node of the Laser Lab Sweden Network.

Åsa Claesson, MSc, representing Research Institutes of Sweden (RISE). She is a material scientist specializing in optical fibers. She was leading the development of RISE FiberLab, Fiber Optic Valley, as well as regional innovation system Propell Innovation, which is now part of RISE.

Michael Fokine, PhD, associate professor at KTH Applied Physics. He is a material scientist with expertise in optical fibers, leading the development of specialty fiber fabrication and 3D glass printing facilities at KTH Laser Lab.

Carlota Canalias, PhD, professor at KTH Applied Physics. She has world-leading expertise in engineered nonlinear optical materials, leading the development of nonlinear material fabrication and characterization at KTH Laser Lab.

Fredrik Laurell, PhD, professor at KTH Applied Physics. He has expertise in lasers, laser, and nonlinear materials, leading the development of custom laser source development at KTH Laser Lab.

Saulius Marcinkevicius, PhD, professor at KTH Applied Physics. He has deep expertise in ultrafast material characterization techniques, leading the development of a time-resolved and near-field luminescence characterization facility at KTH Laser Lab.

Oscar Tjernberg, PhD, professor at KTH Applied Physics, Prefect of the department. He is a material scientist responsible for the development of time-resolved ARPES techniques at KTH Laser Lab. He maintains close interactions with National research infrastructures, like MAX IV synchrotron source.

Jonas Weissenrieder, PhD, professor at KTH Applied Physics. He is a material scientist responsible for the development of ultrafast electron microscopy techniques at KTH Laser Lab. He is leading the KTH Materials platform.

Jonas Sellberg, PhD, associate professor at KTH Applied Physics. He has deep expertise in light-matter interaction, time-resolved spectroscopy, and diffractive imaging in the x-ray domain. Maintains close connections with relevant national and European research infrastructures MAX IV and XFEL.