

LEARN HOW TO USE MAX IV AND ESS-BASED IMAGING TECHNIQUES!

MAX IV and ESS-based imaging for medical and biomedical research

A 4-MODULE COURSE BY LUND UNIVERSITY WITHIN THE HALOS PROJECT

What will I learn? You will learn how you can use MAX IV and ESS facilities in biomedical research as well as to prepare samples for imaging experiments and apply for experimental time at MAX IV and ESS.

How is the course designed? Online lectures and seminars will include basic tutorials on the principles of synchrotron-based imaging, as well as applications of imaging methods to a variety of medical and biomedical subjects.

Modules

- ▶ MAXIV/ESS-based imaging for medical and biomedical research, introduction
- ▶ MAX IV/ESS-based imaging for medical and biomedical research, experimental setup
- ▶ X-ray micro- and nanoimaging for medical and biomedical research, experimental part
- ▶ Neutron scattering for medical and biomedical research, experimental part

Am I eligible to apply? This is a 4-module, 6 ESTC elective course that targets **PhD students and postdoctoral researchers** from the medical and biomedical or life science fields.

Info & Registration

Course leader: Oxana Klementieva

Website: halos.lu.se/courses



FACULTY OF
MEDICINE

IMAGING OF 3D STRUCTURES,
RESEARCH SCHOOL,
LUND UNIVERSITY

SciLifeLab



Hanseatic League of Science
Interconnecting infrastructures
for life science research and innovation

