

# Workshop on synchrotron measurements – beamline staff from Balder beamline, MAX IV brings experiences and Umeå researchers give examples

This workshop aims to inspire researchers to explore the application of synchrotron-based analysis in their field of research. We will listen to examples from application of synchrotron light in research from Umeå researchers. From MAX IV Laboratory we will hear experiences from Kajsa Sigfridsson Clauss (beamline coordinator, Balder) and Konstantin Klementiev (beamline scientist, Balder). Balder is a beamline for hard X-ray spectroscopy (XAS & XES) in possible combination with XRD and XRF.

**Time:** November 27<sup>th</sup> between 13:30-16:00

**Place:** Glasburen (KB.F3.01), KBC-building and hybrid participation via Zoom

**Link for online participation:** <https://umu.zoom.us/j/68238924397>

**Registration deadline for on-site participation:** November 21<sup>st</sup> at 12:00

**Organisers:** Umeå Transformative Research Initiative (UTRI), Multi-purpose Adaptive X-ray Scattering platform (MAXS), Bio4Energy, and LINXS - Institute of Advanced Neutron and X-ray Science.

## Agenda

13:30 Welcome and introduction

13:40 Balder beamline staff – what is an experiment and how do you get access? What do you need to know before applying? What materials are suitable?

14:15 Questions

14:30 Fika and discussions

15:00 Examples from Umeå researchers using synchrotron radiation

15:30 Open discussion about proposal writing

15:55 Wrap-up of workshop



Kajsa Sigfridsson Clauss



Konstantin Klementiev

