

## Imaging Magnetic Systems at Large Scale Facilities

*Thursday, 24 November 2022 14:00 (30 minutes)*

An overview of imaging methods involving neutrons or synchrotron radiation at large scale facilities and their application to the investigation of magnetic materials is given. Dynamic neutron imaging experiments analysing the behaviour of paramagnetic liquids in magnetic field gradients are presented. Furthermore, an introduction to the study of magnetic nanostructures with microspectroscopic techniques such as scanning transmission x-ray microscopy or ptychography at synchrotrons is given.

### Topics

Session A. Physics of condensed matter and spectroscopy

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