

Non-imaging instruments at SINQ –The future may include hybrids

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Neutron scattering is a key experimental tool for experimental studies ranging from modern topics in condensed matter physics and materials science to pressing questions in energy research and health care. I will present the current suite of instruments at SINQ and activities in the Laboratory for Neutron Scattering (LNS) and in the Laboratory for Developments and Methods (LDM) on future instrumentation for the ESS. A consortium including Switzerland and Denmark is working on a hybrid instrument combining neutron imaging, powder diffraction and small-angle scattering to probe different length scales simultaneously. The development of this novel concept requires input from the respective communities and may be of great interest to the attendees of the symposium.

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