



Contribution ID: 156

Type: **Poster**

High-Resolution Powder Diffractometer SPODI – Status and Perspectives

Friday, December 9, 2022 2:00 PM (3 hours)

In this presentation, we will give an overview of the current status of the powder diffractometer SPODI [1], its performance in user service together with future perspectives. In this respect, the impact of the foreseen new SR8 shielding and neutron optics setup on instrumental resolution and flux characteristics will be addressed as well as current developments in sample environment. In addition, an overview on the research areas and outcome in user service will be provided.

References:

[1] Nuclear Instruments and Methods in Physics Research A 667 (2012) 32–37.

Primary author: HOELZEL, Markus

Co-authors: SENYSHYN, Anatoliy; HAUF, Christoph; Dr STRANGMÜLLER, Stefan (Technische Universität München - Forschungsneutronenquelle Heinz Maier-Leibnitz (FRM II)); PFANZELT, Josef (MLZ); EHRENBERG, Helmut (KIT)

Presenter: HOELZEL, Markus

Session Classification: Poster Session

Track Classification: Structure Research