

French - German opportunities of cooperation to face the European revolution in neutron science



Contribution ID: 7

Type: **Poster**

Bambus: a new inelastic neutron multiplexed analyzer for Panda at MLZ

Wednesday 15 May 2019 21:40 (20 minutes)

A new multianalyzer Bambus is being constructed at Panda, MLZ. The objective is to construct broad reciprocal space maps at multiple energy transfers, in order to get insights of broad features at low energy or study complex dispersion laws. Because this spectrometer is designed as a complementary option to the normal TAS mode, a fast switch between the two setups is foreseen. The general concept will be presented together with the final design, and the results obtained with two prototypes.

Author: Dr BERTIN, Alexandre (Institut für Festkörperphysik, TU Dresden)

Co-authors: Dr CERMAK, Petr (Forschungszentrum Jülich GmbH, Outstation at MLZ, Garching); Dr LIM, Joshua (Institut für Festkörperphysik, TU Dresden); Dr RADELYTSKYI, Igor (Forschungszentrum Jülich GmbH, Outstation at MLZ, Garching); Dr SCHNEIDEWIND, Astrid (Forschungszentrum Jülich GmbH, Outstation at MLZ, Garching); Prof. INOSOV, Dmytro (Institut für Festkörperphysik, TU Dresden, Dresden)

Presenter: Dr BERTIN, Alexandre (Institut für Festkörperphysik, TU Dresden)

Session Classification: Bavarian buffet and Poster session