



Contribution ID: 140

Type: Poster

PUMA: thermal three-axes spectrometer equipped with multi-analyzer and unique polarization option

Wednesday, 11 December 2019 15:40 (20 minutes)

In addition to the “normal three axes” mode, PUMA is equipped with the multi-analyzer and -detector setup consisting of 11 arbitrarily configurable analyzer-detector channels suited for kinetic experiments to realize an entire momentum and energy scan in a single shot. Moreover, the same setup can be used also for neutron polarization experiments to determine the spin flip and the non-spin flip components simultaneously at the same state of the sample. Here we show the current status of PUMA with the multi-analyzer setup.

Primary authors: PARK, Jitae; MAITY, Avishek; NEUHAUS, Juergen; ECKOLD, Götz (Georg-August University of Göttingen)

Presenter: PARK, Jitae

Session Classification: Poster session

Track Classification: Quantum Phenomena