



Contribution ID : 132

Type : Oral

The recent progress of polarized neutron scattering techniques at SIKA

Friday, 26 November 2021 13:30 (15)

SIKA, the cold-neutron triple-axis spectrometer is on the CG4 beam port at the OPAL reactor, ACNS, ANSTO. We have reported the capabilities and status of SIKA in the last several user's meetings.

In this meeting, we discuss the recent development of polarized neutron scattering experiments on SIKA. A ^3He polarization analysis system is available for SIKA. We have performed several user experiments and commissioning experiments in the last two years. We would like to present some results by introducing the techniques we are trying to implement. In addition, we discuss our plan for the polarized neutron scattering experiment on the SIKA.

Level of Expertise

Experienced Researcher

Presenter Gender

Man

Pronouns

Which facility did you use for your research

Australian Centre for Neutron Scattering

Students Only - Are you interested in AINSE student funding

Do you wish to take part in the Student Poster Slam

Condition of submission

Yes

Primary author(s) : YANO, Shinichiro (NSRRC); DENG, Guochu (Australian Nuclear Science and Technology Organization); RULE, Kirrily (ANSTO); DE SOUZA, Nicolas (ANSTO - Australian Centre for Neutron Scattering); MANNING, Andrew (ANSTO); Mr PENG, Hanz (NSRRC); WU, Chun-Ming (NSRRC)

Presenter(s) : YANO, Shinichiro (NSRRC)

Session Classification : Instruments & Techniques

Track Classification : Instruments & Techniques