

Session Program

4-8 Sept 2023



Joint Annual Meeting of the Swiss and Austrian Physical Society 2023

Neutron Science

Wednesday 6 September

14:30

Neutron Science: I

Session | Location: Room 117

14:30-14:45

[701] Field-induced bound-state condensation and spin-nematic phase of $\text{SrCu}_2(\text{BO}_3)_2$ revealed by neutron scattering up to 25.9 T

Speaker

Ellen Fogh

14:45-15:00

[702] Mapping the magnon modes of a square skyrmion lattice

Speaker

Danielle Yahne

15:00-15:15

[703] Frustration-induced diffuse magnetic scattering in metallic HoInCu_4

Speaker

Xavier Boraley

15:15-15:30

[705] Non-trivial effects of cation disorder on spin-ice-like compound $\text{Ho}_2\text{ScTaO}_7$

Speaker

Amirreza Hemmatzade

15:30-15:45

[706] Reverse Monte-Carlo modeling of artificial spin systems

Speaker

Artur Gregor Glavic

15:45-16:00

[707] Complex magnetic order and inverse magnetic melting in Ce_3TiSb_5

Speaker

Marc Janoschek

16:00-16:15

[708] Study of new strong-leg spin ladder with neutron scattering

Speaker

Jonas Philippe

16:30

17:00

Neutron Science: II

Session | Location: Room 117

17:00-17:30

[711] Search for Axion-Like Dark Matter and Exotic Yukawa-Like Interaction

Speaker

Ivo Schulthess

17:30-17:45

[712] Nonreciprocal chiral magnons in multiferroic Ni_3TeO_6

Speaker

Daniel Mazzone

17:45-18:00

[713] Towards higher brilliant beam for neutron scattering under very high pulsed magnetic fields**Speaker**

Mina Akhyani

18:00-18:15

[714] Neutron beta-decay experiments**Speaker**

Irina Pradler

18:15-18:30

[715] Neutron radiography investigations of cladding tube materials under interim dry storage conditions**Speaker**

Sarah Weick

18:30-18:45

[716] Imaging the Magnetization Process of Large Grain Silicon Steel using Polarized Neutrons**Speaker**

Alex Backs

18:45-19:00

[717] Neutron imaging investigations of the hydrogen distribution in nuclear fuel cladding tubes after simulated accidents**Speaker**

Mirco Große

19:00-19:15

[718] Investigation of hydrogen distribution in hybrid Ti-Mg implant materials using neutron tomography**Speaker**

Richi Kumar

19:30