

Session Program

29-30 Oct 2019

**PSI Condensed Matter Retreat 2019 @ FHNW
Brugg**

Flash talks

FHNW Brugg

Tuesday 29 October

14:00

Flash talks: Even posters

Session | Location: FHNW Brugg

14:00–14:05

Reversible magnetoelectric switching by electrochemical lithium intercalation

Speaker

Gesara Bimashofer

14:05–14:10

Evolution of a skyrmion-like state in antiferromagnetic spinel MnSc₂S₄

Speaker

Ms Guratinder Kaur

14:10–14:15

In operando X-ray diffraction during laser 3D printing

Speaker

Samy Hocine

14:15–14:20

Spin Hamiltonian and Dimensionality in (Ba,Sr)CuSi₂O₆

Speaker

Mr Stephan Allenspach

14:20–14:25

Strain Induced Ferroelectricity in Orthorhombic REFeO₃ Thin Films

Speaker

Banani Biswas

14:25–14:30

Exploring the electron transfer at cuprate/manganite interfaces

Speaker

Ms Roxana Gaina

14:30

17:00

Flash talks: Odd posters

Session | Location: FHNW Brugg

17:00–17:05

Epitaxial growth and electrical control of antiferromagnetic materials

Speaker

Mr Zhentao Liu

17:05–17:10

Elucidation of the complex (de-)lithiation reactions of SnO₂ in all-solid-state battery using operando X-ray photoelectron spectroscopy

Speaker

Marta Mirolo

17:10–17:15

A quantum liquid of magnetic octupoles on the pyrochlore lattice

Speaker

Mr Victor Porée

17:15-17:20

Direct correlation between magnetic field and cycloidal rotation on CoCr2O4 and Ge doped CoCr2O4

Speakers

Nazaret Ortiz, Dr Sergii Parchenko

17:20-17:25

Anomalous magnetotransport in materials with strongly anisotropic Fermi surfaces

Speaker

Zhi Jian Daniel Tay

17:25-17:30

Laser induced magnetization dynamics in antiferromagnetically coupled ferromagnetic thin films

Speaker

Jingyuan Zhou

17:30