

PSI Condensed Matter Retreat 2019 @ FHNW Brugg

Tuesday 29 October 2019

Contributed talks: Session 1 (11:00 - 12:20)

time	[id] title	presenter
11:00	[72] Spin excitations in the 2D dipolar honeycomb magnet ErBr ₃	WESSLER, Christian
11:20	[122] Evidence of new mechanism of antiferromagnetic domain selection driven by spin-orbit coupling	T . MAIMONE, D.
11:40	[68] Fluctuations in a magnetic metamaterial	SKJAERVOE, Sandra Helen
12:00	[74] Tunable Berry Curvature Effects Through Volume-wise Magnetic Competition in a Topological Kagome Magnet Co ₃ Sn ₂ S ₂	Dr GUGUCHIA, Zurab

Contributed talks: Session 2 (16:00 - 17:00)

time	[id] title	presenter
16:00	[115] Neutron imaging of electrochemical energy converters	BOILLAT, Pierre
16:20	[89] Visualization of engineered residual strain in additive manufacturing materials by Bragg Edge neutron imaging	MORGANO, Manuel
16:40	[75] 3D Imaging of Advanced Materials using Soft X-ray Laminography at PolLux	WITTE, Katharina

Wednesday 30 October 2019

Contributed talks: Session 3 (09:00 - 10:20)

time	[id] title	presenter
09:00	[120] Manipulating the ground state in nickelates using proximity with magnetic layers	CAPUTO, Marco
09:20	[109] Coherent lattice dynamics in LiNbO ₃ induced by mid infrared laser driven ferroelectric polarization switching	SANDER, Mathias
09:40	[105] The role of chains for superconductivity in optimally doped YBCO thin films: ARPES view	JANDKE, Jasmin Maria
10:00	[82] RNiO ₃ perovskites: exploring the TMIT --> 0 limit	KLEIN, Yannick Maximilian

Contributed talks: Session 4 (15:00 - 16:20)

time	[id] title	presenter
15:00	[103] Time-Resolved Spectroscopy of Vanadia-Based SCR Catalysts under Transient Conditions	NUGUID, Rob Jeremiah G.
15:20	[87] Oxygen evolution reaction: activity vs. oxygen vacancies in PrBaCo ₂ O _{5+δ}	MARELLI, Elena
15:40	[99] Why does an almost pure-beryllium alloy exhibit a hundred-fold increase in T_c ?	SHIROKA, T.
16:00	[107] Universal quantum computing with rare-earth ions	Mr GRIMM, Manuel