

Joint Annual Meeting of SPS and ÖPG 2019

Thursday, 29 August 2019

Quantum Beam Science: bio, materials and fundamental physics with neutrons and X-rays: I: Neutrons from Fundamental Physics to Novel Imaging Methods - G 85 (14:00 - 16:30)

time	[id] title	presenter
14:00	[359] □701□Weak measurements in neutron interferometry and experimental tests of general uncertainty relations	Dr SPONAR, Stephan
14:30	[360] □702□Yet another approach to tackle the phase problem of diffraction experimentally	FALLY, Martin
15:00	[58] □703□Status of the Beam EDM experiment	Ms CHANEL, Estelle
15:20	[29] □704□High resolution neutron imaging at Paul Scherrer Institut	Dr TRTIK, Pavel
15:40	[159] □705□The PERC facility - prospects of high-precision neutron beta decay experiments	JERICHA, Erwin
16:00	[84] □706□From omnidirectional sensitivity to polarized dark-field image with neutron grating interferometry	VALSECCHI, Jacopo

Quantum Beam Science: bio, materials and fundamental physics with neutrons and X-rays: II: New Spectroscopies of quantum matter - G 85 (17:00 - 19:00)

time	[id] title	presenter
17:00	[256] □711□Ultrafast quenching of phase coherence in cuprate superconductors revealed by TR-ARPES	RAZZOLI, Elia
17:30	[361] □712□Nonequilibrium Dynamics of Collective Excitations in Quantum Materials	Dr BALDINI, Eduardo
18:00	[292] □713□Time resolved Resonant Inelastic X-ray Scattering and Soft X-Ray Diffraction on Quantum Materials at Furka experimental station at Athos SwissFEL	SVETINA, Cristian
18:20	[362] □714□Spin wave dynamics in ultrathin yttrium iron garnet measured with x-ray microscopy	Dr BAILEY, Joe
18:40	[281] □715□Ultrafast electron vortex beam and temporal holography in ultrafast electron microscope	Dr MADAN, Ivan