

MLZ User Meeting 2021

Tuesday, December 7, 2021

Quantum Phenomena: Quantum Phenomena I (9:00 AM - 10:20 AM)

-Conveners: Robert Georgii; Yixi Su

time	[id] title	presenter
9:00 AM	[138] Welcome	GEORGII, Robert
9:05 AM	[2] Magnetic field destroys long-range magnetic order in the Cu ₂ GaBO ₅ ludwigite	INOSOV, Dmytro
9:30 AM	[105] Ultrahigh-resolution neutron spectroscopy of low-energy spin dynamics in UGe ₂	HASLBECK, Franz Xaver
9:55 AM	[4] Critical fluctuations in the layered ruthenates Ca ₂ RuO ₄ and Ca ₃ Ru ₂ O ₇	TREPKA, Heiko

Quantum Phenomena: Quantum Phenomena II (1:15 PM - 2:30 PM)

-Conveners: Robert Georgii; Yixi Su

time	[id] title	presenter
1:15 PM	[35] Chirality of Bloch domain walls in exchange biased CoO/Co bilayer seen by waveguide-enhanced neutron spin-flip scattering	KHAYDUKOV, Yury
1:40 PM	[75] Non-collinear long-range coupling in manganates superlattices	KIM, Gideok
2:05 PM	[106] FM and AFM ordering within a MAX phase bulk	RIVIN, Oleg

Quantum Phenomena: Quantum Phenomena III (4:15 PM - 5:30 PM)

-Conveners: Robert Georgii; Yixi Su

time	[id] title	presenter
4:15 PM	[51] Heat Transport in Quantum Materials - The Intriguing Phonon Physics in Ever Surprising SrTiO ₃	HABICHT, Klaus
4:40 PM	[26] Nematic Correlation Length in Iron-Based Superconductors	WEBER, Frank
5:05 PM	[74] MEASUREMENT OF THE SPIN-WAVE STIFFNESS AND THE ENERGY GAP IN THE MAGNON SPECTRUM OF AMORPHOUS FERROMAGNETS BY SMALL-ANGLE SCATTERING OF POLARIZED NEUTRONS	Ms AZAROVA, Liubov