

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

Tuesday, 8 June 2021

TS-8 Magnetic North VII / Nord magnétique VII (10:59 - 17:55)

-Conveners: Bruce Gaulin

time	[id] title	presenter
10:59	Magnetic North VII - Session 1 - 11h00-12h30 (Chair: Bruce Gaulin, McMaster University)	
11:00	[568] (I) MBT for TBM (Topological Band Magnetism)	MACDONALD, Allan
12:00	[619] (I) Giant c-axis Nonlinear Anomalous Hall Effect	TSEN, Adam
12:30	Lunch break - 12h30-13h30	
13:29	Magnetic North VII - Session 2 - 13h30-14h30 (Chair: Jacob Burgess, University of Manitoba)	
13:30	[566] (I) Tunneling processes through Yu-Shiba-Rusinov states of magnetic atoms on superconductors	FRANKE, Katharina
14:00	[599] Majorana Bound States Induced by Antiferromagnetic Skyrmion Textures	DÍAZ, Sebastián
14:15	[111] Level attraction in a driven cavity magnonic system	PROSKURIN, Igor
14:30	Break - 15 minutes	
14:44	Magnetic North VII - Session 3 - 14h45-15h45 (Chair: Pat Clancy, McMaster University)	
14:45	[564] (I) Microscopic Theory of Spin Frustration in Quantum Magnets	KEE, Hae-Young
15:15	[540] Anisotropic magnetic interactions in hexagonal AB-stacked kagome lattice structures: Applications to Mn ₃ X (X = Ge, Sn, Ga) compounds	ZELENSKIY, Andrey
15:30	[605] (G*) Constraints on the Spin Hamiltonian and Entropy of the Dipole-Octupole Spin Liquid Candidate Ce ₂ Zr ₂ O ₇ from Low Temperature Heat Capacity	SMITH, Evan
15:45	Break - 15 minutes	
15:59	Magnetic North VII - Session 4 - 16h00-1715 (Chair: Hae-Young Kee, University of Toronto)	
16:00	[647] (I) Exploring Kitaev Magnetism with Resonant X-Rays	CLANCY, Patrick
16:30	[312] (G*) Exchange Interactions in d ² Systems	CHURCHILL, Derek
16:45	[563] Interaction-stabilized topological magnon insulator in ferromagnets	MOOK, Alexander
17:00	[648] Magnets have Two Longitudinal Degrees of Freedom	SASLOW, Wayne