

Abstract ID	Presenter Name	Presentation Day	Presenter Affiliation	Presenter Email	Poster Title
119	Alquier, Rodolphe	Tuesday	Université de Sherbrooke, Canada	rodolphe.alquier@usherbrooke.ca	μ SR and NMR measurements on the Ti-based kagome material (CH ₃ NH ₃) ₂ NaTi ₃ F ₁₂ : a new Quantum Spin Liquid candidate
149	Bao, Jiahui	Tuesday	Okinawa Institute of Science and Technology, Japan	jiahui.bao@oist.jp	On the origin of spin nematic order in Sr ₂ IrO ₄
95	Bhullar, Mandev	Tuesday	University of Toronto, Canada	dev.bhullar@mail.utoronto.ca	Field-Induced Ordered Phases in Anisotropic Spin-1/2 Kitaev Chains
88	Bose, Anjishnu	Tuesday	University of Toronto, Canada	anjishnu.bose@mail.utoronto.ca	Spin dynamics of easy-plane Dirac spin liquid in a frustrated honeycomb XY model: Application to honeycomb cobaltates
131	Brownlee, Jacob	Tuesday	University of Birmingham / ISIS, UK	jlb456@student.bham.ac.uk	Quantum spin liquid synthesis through microwave-assisted solid-state synthesis (MASS)
66	Cen, Jiefu	Tuesday	University of Toronto, Canada	jiefu.cen@mail.utoronto.ca	Role of interlayer spin interactions in α -RuCl ₃
68	Chen, Chuan	Tuesday	Lanzhou University, China	alfchuan.chen@gmail.com	Anyon polarons as a window into competing phases of the Kitaev honeycomb model under a Zeeman field
116	Chinellato, Leandro	Tuesday	University of Tennessee, USA	lchinell@vols.utk.edu	Energy scale separation of Wannier and spin super-solid physics in the triangular antiferromagnet K ₂ Co(SeO ₃) ₂
92	Chung, Kristian	Tuesday	Max Planck Institute for the Physics of Complex Systems, Germany	ktchung@uwaterloo.ca	The Phase Diagram of Pyrochlore Magnets
52	Dantas Meireles, Vitor	Tuesday	University of Minnesota, USA	danta008@umn.edu	Phonon dynamics in the site-disordered Kitaev spin liquid
114	DAVIER, Naimo	Tuesday	Laboratoire Ondes et Matière d'Aquitaine, France	naimo.davier@u-bordeaux.fr	Engineering Pinch Lines in Classical Spin Systems: A Novel Route to Exotic Emergent Electromagnetism
109	Davis, Jackson	Tuesday	Johns Hopkins University, USA	jdavi253@jhu.edu	Tunable Magnetism in Triangular Lattice Metal-Organic Frameworks
48	Decrausaz, Brigitte	Tuesday	PSI Center for Neutron and Muon Sciences, Switzerland	brigitte.decrausaz@psi.ch	Magnetic structure of the rare-earth monosilicate Er ₂ SiO ₅
143	Dehlavi, Sam	Tuesday	Université de Sherbrooke, Canada	sam.dehlavi@usherbrooke.ca	Giant anisotropy of the magnetoresistance in few-layer α -RuCl ₃ tunnel junctions
73	Desrochers, Felix	Tuesday	University of Toronto, Canada	felix.desrochers@mail.utoronto.ca	Shedding light on emergent quantum electrodynamics in Ce ₂ Zr ₂ O ₇
147	Ferrenti, Austin	Tuesday	University of British Columbia, Canada	aferrenti97@gmail.com	Investigation of isotropic magnetism in a Heisenberg-type, pseudo-honeycomb Co-dimer AFM K ₇ Co ₆ Te ₁₁ O ₄₆ H ₂₉ + δ
31	Francini, Niccolò	Tuesday	TU Dresden University of Technology, Germany	niccolo.francini@tu-dresden.de	Higher-Rank Spin Liquids and Spin Nematics from Competing Orders in Pyrochlore Magnets
41	Gangat, Adil	Tuesday	NTT Research, Inc., USA	adil.gangat@ntt-research.com	Weak first-order phase transitions in the frustrated square lattice J ₁ – J ₂ classical Ising model
71	Glittum, Cecilie	Tuesday	University of Cambridge, UK	cecilie-gl@hotmail.com	Spin-charge separation and resonant valence bond spin liquid in a frustrated doped Mott insulator
55	Hardy, Andrew	Tuesday	University of Toronto, Canada	andrew.hardy@mail.utoronto.ca	Charge ordering and spontaneous topological Hall effect in bilayer skyrmion crystals
134	Hassinger, Elena	Tuesday	TU Dresden University of Technology, Germany	elena.hassinger@tu-dresden.de	1/5 and 1/3 magnetization plateaux in the spin 1/2 chain system YbAlO
67	Hayashi, Hiroaki	Tuesday	The University of Tokyo, Japan	hhayashi@issp.u-tokyo.ac.jp	Magnetization plateaus in a S = 1/2 perfect kagome antiferromagnet under ultrahigh magnetic fields up to 120 T
123	Hester, Gavin	Tuesday	Brock University, Canada	ghester@brocku.ca	Two-Dimensional Triplon Confinement in the Quantum Dimer Magnet Yb ₂ Si ₂ O ₇
54	Hirosawa, Tomoki	Tuesday	Aoyama Gakuin University, Japan	hirosawa@phys.aoyama.ac.jp	Edge-driven skyrmion motion under microwave fields
69	Honecker, Andreas	Tuesday	CY Cergy Paris Université, France	andreas.honecker@cyu.fr	Ground-state degeneracy and magneto-thermodynamics of the spin-1/2 Heisenberg antiferromagnet on the diamond-decorated square lattice
158	Horsley, Ezekiel	Tuesday	University of Toronto, Canada	ezekiel.horsley@utoronto.ca	Investigating Cl covalency in α -RuCl ₃
77	Isbrandt, Gloria	Tuesday	Technical University of Munich, Germany	gloria.isbrandt@tum.de	Anisotropic Spin Ice on a Breathing Pyrochlore Lattice
70	Karlova, Katarina	Tuesday	CY Cergy Paris Université, France	katarina.karlova@cyu.fr	Spin-1/2 Heisenberg diamond-like decorated honeycomb lattice in a magnetic field
133	Kee, Hae-Young	Tuesday	University of Toronto, Canada	hy.kee@utoronto.ca	Microscopic Roadmap to a Yao-Lee Spin-Orbital Liquid
153	Khatua, Joydev	Tuesday	Sungkyunkwan University, Republic of Korea	khatuajoydev47@gmail.com	Signature of classical spin liquid state in a highly frustrated s = 1 Kagome lattice antiferromagnet (CH ₃ NH ₃) ₂ NaV ₃ F ₁₂
120	Kim, Chaebin	Tuesday	Georgia Institute of Technology, USA	ckim706@gatech.edu	Kitaev interaction and unusual spin dynamics in iodine-baesd van der Waals triangular antiferromagnets

127 Koller, Eduard	Tuesday	Technical University Munich, Germany	eduard.koller@tum.de	Raman Circular Dichroism of Chiral Quantum Spin Liquids
47 La Rivière, Bowy	Tuesday	Delft University of Technology, The Netherlands	b.m.lariviere@tudelft.nl	Z4 transitions in quantum loop models on a zig-zag ladder
23 Leeb, Valentin	Tuesday	Technische Universität München, Germany	valentin.leeb@tum.de	Spontaneous Formation of Altermagnetism from Orbital Ordering
152 Ma, Bowen	Tuesday	University of Hong Kong, Hong Kong	bowenphy@hku.hk	Quantum spin supersolid as a precursory Dirac spin liquid in a triangular lattice antiferromagnet
135 Mauri, Achille	Tuesday	Ecole Polytechnique Fédérale de Lausanne, Switzerland	achille.mauri@epfl.ch	Spin-wave excitations in triangular-lattice antiferromagnets near the Ising limit
79 Mitra, Asimpunya	Tuesday	University of Toronto, Canada	asimpunya.mitra@mail.utoronto.ca	Stability of Quantum Spin Liquids in Weak Mott Insulators with a Spin-Orbit Coupling
140 Montcalm, Lucas	Tuesday	University of Windsor, Canada	montcall@uwindsor.ca	Quantum Spin Ice in Confined Geometries: Pyrochlore Thin Films
40 Museur, Flavien	Tuesday	ETH Zurich, Switzerland	flavien.museur@psi.ch	Artificial spin ice on the CaVO lattice: a bridge from square to kagome
110 Nabi, Danish	Tuesday	ETH Zurich, Switzerland	nabid@phys.ethz.ch	Magnetic phase diagram and dynamics of a distorted triangular lattice antiferromagnet Cs ₂ RuO ₄
83 Patil, Pranay	Tuesday	Okinawa Institute of Science and Technology, Japan	pranay-patil@oist.jp	Resonating valence bond physics in Rydberg atom arrays
61 Peets, Darren	Tuesday	TU Dresden University of Technology, Germany	darren.peets@tu-dresden.de	Magnetic Phase Diagrams and Dimensionality of Magnetic Interactions in Rouaite, Cu ₂ (OH) ₃ (NO ₃), with a Distorted Triangular Lattice
103 Remund, Kimberly	Tuesday	National Yang Ming Chiao Tung University, Taiwan	kimberly.remund@gmail.com	SCGA for Spin-1 Magnets
100 Sasamoto, Daiki	Tuesday	Tohoku University, Japan	sasamoto.daiki.r6@dc.tohoku.ac.jp	Analysis of the Kitaev-Gamma Model Using the Schwinger Boson Approach
132 Schiff, Hana	Tuesday	University of California, Irvine, USA	hschiff@uci.edu	Collinear Altermagnets and their Landau Theories
146 Stern, Matthew	Tuesday	University of California, Irvine, USA	sternm2@uci.edu	Spin vorticity phase on the octochlore lattice with J1-J2-J2' Ising interactions
115 Strecka, Jozef	Tuesday	Pavol Jozef Safarik University in Kosice, Slovakia	jozef.strecka@upjs.sk	Exotic quantum features of a spin-1 Heisenberg diamond chain in a magnetic field
256 Varela, Jalil	Tuesday	University of Delaware, USA	jalil@udel.edu	Charge and spin current pumping by ultrafast demagnetization dynamics
117 Wang, Jiaming	Tuesday	University of Toronto, Canada	jiaming.wang@mail.utoronto.ca	Elucidating the local physics of disordered QSL systems using NMR and inverse Laplace transform (ILT) 1/T1 analysis
64 Wiebe, Chris	Tuesday	University of Winnipeg, Canada	ch.wiebe@uwinnipeg.ca	Magnetic glass state in the Gd ₂ ScNbO ₇ pyrochlore with possible XY correlations
148 Williams, Fletcher	Tuesday	University of Tennessee, USA	fwilli18@vols.utk.edu	Skyrmions of Frustrated Quantum Dimer Systems
101 Willsher, Josef	Tuesday	TU Munich, Germany	joe.willsher@tum.de	Stability of algebraic spin liquids coupled to quantum phonons
30 Xu, Haoting	Tuesday	University of Toronto, Canada	haoting.xu@mail.utoronto.ca	Reviving Majorana zero modes in the spin-1/2 Kitaev ladder model
128 Yuan, Bo	Tuesday	McMaster University, Canada	yuanb19@mcmaster.ca	Single Crystal Diffuse Neutron Scattering Study of the Dipole-Octupole Quantum Spin Ice Candidate Ce ₂ Zr ₂ O ₇ : No Apparent Octupolar Correlations Above T = 0.05K
104 Zhang, Jiaxin	Tuesday	French American Center for Theoretical Science, KITP, France	zhangjx.phy@gmail.com	Quantum-interference-induced pairing in bosonic doped antiferromagnets
75 Zhang, Junyi	Tuesday	Johns Hopkins University, USA	jzhan312@jhu.edu	Density-Matrix Mean-Field Theory
81 Zhou, Zhengbang	Tuesday	University of Toronto, Canada	zhengbang.zhou@mail.utoronto.ca	Magnetic Field Response of Dipolar-Octupolar Quantum Spin Ice
280 Zoghlin, Eli	Tuesday	Johns Hopkins University, USA	zoghline@gmail.com	Search for multi-magnon bound states in Li ₂ CuO ₂ single crystals: inelastic neutron scattering, specific heat, thermal expansion , and Raman measurements
60 Zukovic, Milan	Tuesday	Pavol Jozef Safarik University in Kosice, Slovakia	milan.zukovic@upjs.sk	XY model with competing higher-order terms