

* Asia Pacific Workshop on Quantum Magnetism (APWQM) PROGRAM

08:50-09:00	28-Aug-17	29-Aug-17	30-Aug-17
Session Chair	Opening	Registration	Registration
Session Chair	Je-Geun Park	Ying-Jer Kao	Nic Shannon
09:00-09:25	Surprises in the kagome cuprates Zenji Hiroi ISSP, University of Tokyo	Quantum Spin Liquid in Kitaev Materials Yong-Baek Kim University of Toronto	Electromagnetic Responses of Honeycomb Magnets Taka-hisa Arima University of Tokyo / RIKEN
09:25-09:50	Magnetic properties of volborthite determined by a coupled-trimer model Shunsuke Furukawa University of Tokyo	Majorana fermions in Kitaev spin liquids Yukitoshi Motome University of Tokyo	Quantum Impurity in a Luttinger Liquid Pochung Chen National Tsing Hua University
09:50-10:15	Unusual magnetic state in $S = 1/2$ J1-J2-Jd Kagome Lattice Antiferromagnet $\text{CaCu}_3(\text{OH})_6\text{Cl}_2 \cdot 0.6\text{H}_2\text{O}$ Hiroyuki Yoshida Hokkaido University	Majorana Fermions in the Kitaev Quantum Spin System $\alpha\text{-Ru}_1\text{-xIrxCl}_3$ Sungdae Ji Max Planck POSTECH/Hsinchu Center	Dynamical reduction of the dimensionality of exchange interactions and the "spin-liquid" phase of $\kappa\text{-(BEDT-TTF)}_2\text{X}$ Ben James Powell University of Queensland
10:15-10:40	Gapless Spin-Liquid Ground State in the $S=1/2$ Kagome Antiferromagnet Tao Xiang IOP, CAS	Persisting magnetic Majorana fermions in the diluted $\alpha\text{-Ru}_{1-x}\text{IrxCl}_3$ Kwang Yong Choi Chung-An University	Griffiths Singularities in Quantum Magnets Yu-Cheng Lin National Chengchi University
10:40-11:10	Break	Break	Break
11:10-11:35	New Jeff=1/2 Quantum Liquid on Honeycomb Lattice Kentaro Kitagawa University of Tokyo	Experimental Realization of a new Quantum Spin Liquid based on a novel frustration mechanism Yogesh Singh Indian Institute of Science Education and Research Mohali	What does inelastic neutron scattering measure in quantum spin ices? Gang Chen Fudan University
11:35-12:00	Large anomalous Hall and Nernst effects at room temperature in a magnetic topological metal Takahiro Tomita Institute for Solid State Physics, University of Tokyo	How many spin liquids are there in $\text{Ca}_{10}\text{Cr}_7\text{O}_{28}$? Nic Shannon OIST	Spin Excitations in a Triangular Lattice Quantum Spin Liquid Candidate Jun Zhao Fudan University
12:00-12:25	Thermal and spin currents driven by spinons, Majorana fermions and multiple-magnon molecules Masahiro Sato Ibaraki University	Striped Magnetic Ground State of the Ideal Kagomé Lattice Compound $\text{Fe}_4\text{Si}_2\text{Sn}_7\text{O}_{16}$ Chris D Ling The University of Sydney	closing
12:25-02:00	Lunch	Lunch	
Session Chair	Gang Chen	SungBin Lee	
02:00-02:25	Nonreciprocal magnons in a noncentrosymmetric antiferromagnet Kittiwit Matan Mahidol University	Magnetic anisotropy due to pseudo-dipolar interactions in iridates and other heavy transition metal Hiroaki Ishizuka University of Tokyo	
02:25-02:50	Search for the low-temperature highly correlated phase in the charge-density-wave 1T-TaS ₂ compound Marie Kratochvilova IBS, Seoul National University	Photo-creating supercooled spiral-spin states in a multiferroic manganite Yu-Miin Sheu National Chiao-Tung University	
02:50-03:15	Recombination of fractional excitations in frustrated magnets Masafumi Udagawa Gakushuin University	Emergent Charge Condensations at Two-Dimensional Oxide Interfaces and Néel-Type Ferroelectric Domain Ming-Wen Chu National Taiwan University	
03:15-03:45	Break	Break	
03:45-04:10	Generic Spin Model of Pyrochlore Spinels SungBin Lee KAIST	Spin-liquid Mott quantum criticality in two dimensions: "Destabilization" of a spinon Fermi surface and emergence of one-dimensional spin dynamics Ki-Seok Kim POSTECH	
04:10-04:35	Reorientation of orbital order in MnV_2O_4 Soonchil Lee KAIST	Unconventional Surface Criticality Induced by Quantum Phase Transitions from 2D AKLT Phase to Neel Order Fa Wang Peking University	
04:35-05:00	Poster	Thermal conductivity in $U(1)$ quantum spin liquids Eungook Moon KAIST	
05:00-06:30		Banquet	
06:30~	Dinner		