

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***W1-9 Quantum Magnetism (DCMMP) |
Magnétisme quantique (DPMCM)***

McMaster University

Wed, June 8

10:45 AM

W1-9 Quantum Magnetism (DCMMP) | Magnétisme quantique (DPMCM)

Session | Location: McMaster University, MDCL 1010 | Convener: Takashi Imai

10:45 - 11:00 AM (G*) Inverse Laplace transform of NMR spin-lattice relaxation data

Speaker

Jiaming Wang

11:00 - 11:15 AM

(G*) Dynamic and frozen quantum magnetism in the ground states of triangular lattice magnets YbMgGaO_4 , ErMgGaO_4 and YbCoGaO_4 from inelastic neutron scattering

Speaker

Ms Symphony (Hsiao-Yuan) Huang

11:15 - 11:30 AM

(G*) The case for a $U(1)\pi$ Quantum Spin Liquid Ground State in the Dipole-Octupole Pyrochlore $\text{Ce}_2\text{Zr}_2\text{O}_7$

Speaker

Evan Smith

11:30 - 11:45 AM

(G*) IDMRG study of the J-Gamma Ladder: Shy of a Bakers Dozen

Speaker

Sebastien Avakian

11:45 AM - 12:00 PM

(U*) Electrical Control of Magnetism in Kitaev Materials

Speaker

Mr Griffin Howson

12:15 PM