

Session Program

26-31 May 2024



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2024 CAP Congress / Congrès de l'ACP 2024

***(DCMMP) R1-5 Quantum Materials II |
Matériaux quantiques II (DPMCM)***

Western University

Thursday 30 May

08:15

(DCMMP) R1-5 Quantum Materials II | Matériaux quantiques II (DPMCM)

Session | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 106 (cap. 96) | **Convener:** Erik Sorensen

08:30–09:00

Repulsively bound magnon excitations of a spin-1/2 XXZ chain in a staggered transverse field

Speaker

Jean-Sébastien Bernier

09:00–09:15

Widely ranging Kondo phenomena and magnetism in nanostructured quantum materials

Speaker

Al-Amin Dhirani

09:15–09:30

(G) Concurrence on a 16-site spin-1/2 pyrochlore cluster

Speaker

chen wei

09:30–09:45

Unity free carrier generation in 2D perovskites quantum well structures

Speaker

Dr JIANBO GAO

09:45