

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***M2-4 Precision Techniques in Nuclear and
Particle Physics (DNP) | Techniques de
précision en physique des particules et des
noyaux (DPN)***

McMaster University

Mon, June 6

1:15 PM

M2-4 Precision Techniques in Nuclear and Particle Physics (DNP) | Techniques de précision en physique des particules et des noyaux (DPN)

Session | **Location:** McMaster University, MDCL 1110 | **Convener:** Prof. Elie Korkmaz

1:15 - 1:30 PM **(G*) Higher-Order Leptonic Corrections in Covariant Approach**

Speaker

Mahumm Ghaffar

1:30 - 1:45 PM

(G*) Applications of ab initio nuclear theory to tests of fundamental symmetries

Speaker

Michael Gennari

1:45 - 2:00 PM

(G) Novel Conditional Generative Approach and Applications in Nuclear and Particle Physics

Speaker

James Giroux

2:00 - 2:15 PM

(G*) Developing the Integrating Detector Electronics Chain for the MOLLER Experiment

Speaker

Brynne Blaikie

2:15 - 2:30 PM

(G*) First principles calculations of $7\text{Li}+p$ radiative capture

Speaker

Mr Peter Gysbers

2:30 - 2:45 PM

Mirror Symmetry in the $f_{7/2}$ Shell Below 56Ni , Excited States and Electromagnetic Transition Rates in 55Ni and 55Co

Speaker

Krzysztof Starosta

2:45 PM