

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***M3-7 Fundamental Symmetries and New
Physics at Low Energy I (DNP) | Symétries
fondamentales et nouvelle physique à basse
énergie (DPN)***

McMaster University

Mon, June 6

4:00 PM

M3-7 Fundamental Symmetries and New Physics at Low Energy I (DNP) | Symétries fondamentales et nouvelle physique à basse énergie (DPN)

Session | Location: McMaster University, MDCL 1110 | Convener: Gerald Gwinner

4:00 – 4:30 PM

(I) The Nab experiment: A precise measurement of the neutron beta decay parameters “little a” and “little b” at Oak Ridge National Lab.

Speaker

Russell Mammei

4:30 – 4:45 PM

The TUCAN magnetics lab at TRIUMF - research and development towards a neutron electric dipole moment search

Speaker

Beatrice Franke

4:45 – 5:00 PM

(G*) Mapping the Magnetically Shielded Room for the Neutron Electric Dipole Moment Experiment at TRIUMF

Speaker

Maedeh Lavvaf

5:00 – 5:15 PM

Magnetic resonance requirements and shim coil design for the TUCAN EDM experiment

Speaker

Prof. Jeffery Martin

5:15 – 5:30 PM

(G*) The Search for a Permanent Electric Dipole Moment

Speaker

Rane Alexander Simpson

5:30 PM