

Session Program

5-11 Jun 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

***W2-4 Fundamental Symmetries and new
physics at low energy II (DNP) | Symétries
fondamentales et nouvelle physique à basse
énergie II (DPN)***

McMaster University

Tuesday 7 June

13:15

W2-4 Fundamental Symmetries and new physics at low energy II (DNP) | Symétries fondamentales et nouvelle physique à basse énergie II (DPN)

Session | Location: McMaster University, MDCL 1009 | Convener: Russell Mammei

13:15-13:45

(I) Progress towards atomic parity violation measurements in francium

Speaker

Gerald Gwinner

13:45-14:00

(G*) First Measurement of the 7s-8s M1 Transition in Francium

Speaker

Timothy Hucko

14:00-14:15

(G) Optical pumping of francium atoms for the measurement of the 7S-8S scalar to vector transition polarizability ratio.

Speaker

Anima Sharma

14:15-14:30

Advances in the Spectroscopy of the 1S-2S Transition in Antihydrogen

Speaker

Art Olin

14:30-14:45

(G*) Precision Antihydrogen Annihilation Reconstructions using the ALPHA-g Detector

Speaker

Ms Pooja Woosaree

14:45