

Session Program

5-11 Jun 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

M1-4 Nuclear Structure and Astrophysics (DNP) | Structure nucléaire et astrophysique (DNP)

McMaster University

Sunday 5 June

10:45

M1-4 Nuclear Structure and Astrophysics (DNP) | Structure nucléaire et astrophysique (DPN)

Session | Location: McMaster University, MDCL 1110 | Convener: Liliana Caballero Suarez

10:45-11:15

(I) Parity violation measurements of the neutron skin in ^{208}Pb and ^{48}Ca

Speakers

Paul King, The PREX/CREX collaboration

11:15-11:30

(G*) Investigating the Nuclear Shell Evolution in Neutron-Rich Calcium

Speaker

Robin Coleman

11:30-11:45

(G*) Model constraints for degenerate neutron capture rates in neutron star crusts

Speaker

Bryn Knight

11:45-12:00

(G*) Constraining the Neutron Capture Rate for the Short-Lived ^{91}Sr Nucleus

Speaker

Beau Greaves

12:00-12:15

(G*) β -decay of ^{68}Mn : Probing the $N=40$ Island of Inversion

Speaker

Ms Rashmi Umashankar

12:15-12:30

(G*) High-precision half-life measurements of ^{26}Na with GRIFFIN

Speaker

Mr Eric Gyabeng Fuakye

12:30