

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DNP) M2-6 Nuclear Structure | Structure
nucléaire (DPN)***

Monday 9 June

14:15

(DNP) M2-6 Nuclear Structure | Structure nucléaire (DPN)
Session

14:15–14:45 **Radioactivity of Rare Isotopes**

Speaker
Prof. Gwen Grinyer

14:45–15:00
Mirror Symmetry in the $f_{7/2}$ Shell below ^{56}Ni : Excited States and Electromagnetic Transition Rates in ^{55}Ni and ^{55}Co

Speaker
Heinz Asch

15:00–15:15 **The 8pi BGO Ball Array and Its Application to 3-Gamma PET**

Speaker
Joshua Yu

15:15–15:30
Spectroscopic study of ^{114}Sn following the beta decay of ^{114}Sb using Gamma-Ray Infrastructure For Fundamental Investigations of Nuclei (GRIFFIN)

Speaker
Madhu Madhu

15:30–15:45
Direct Measurement of Resonance Properties of ^{23}Mg (p, γ) ^{24}Al reaction Occurring in Classical Novae using the DRAGON Recoil Separator and an optimized Array of LaBr_3 , CeBr_3 and BGO Gamma Detector Array

Speaker
Edwin Amanda Crystal

15:45