

Session Program

Jun 5 - 11, 2022



Canadian Association
of Physicists

Association canadienne
des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

R1-4 Precision Nuclear Processes and Beyond (DNP) | Processus nucléaires de précision et au delà (DPN)

McMaster University

Thu, June 9

8:45 AM

R1-4 Precision Nuclear Processes and Beyond (DNP) | Processus nucléaires de précision et au delà (DPN)

Session | **Location:** McMaster University, MDCL 1110 | **Convener:** Svetlana Barkanova

8:45 – 9:15 AM

(I) Using statistical methods to determine the astrophysical origins of heavy nuclei

Speaker

Nicole Vassh

9:15 – 9:30 AM

Cluster recognition using Machine Learning applied to Neutron star crusts

Speaker

Dr Jaime Bohorquez

9:30 – 9:45 AM

Study of cross-shell excitations near the 'island of inversion' using fusion-evaporation and Doppler shift methods

Speaker

Krzysztof Starosta

9:45 – 10:00 AM

A Capillary Probe for Ion Extraction from Liquid Xenon

Speaker

Robert Collister

10:15 AM