

Session Program

18-23 Jun 2023



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2023 CAP Congress / Congrès de l'ACP 2023 ***(DNP) R1-5 Nuclei and Neutrinos II | Noyaux et neutrinos II (DPN)***

University of New Brunswick

Thursday 22 June

08:30

(DNP) R1-5 Nuclei and Neutrinos II | Noyaux et neutrinos II (DPN)

Session | **Location:** Rm. 208 (max. 68), UNB Kinesiology | **Convener:** Dr Liliana Caballero Suarez

08:30–09:00

(I) Barium tagging: Extracting and identifying ions from liquid xenon for double beta decay searches

Speaker

Rob Collister

09:00–09:15

Ion trapping for a Ba-tagging technique

Speaker

Mr Hussain Rasiwala

09:15–09:30

WITHDRAWN Measurement of SiPM external crosstalk in a liquid xenon detector

Speaker

David Gallacher

09:30–09:45

WITHDRAWN - Optimal Model Description of Proton Induced Reactions on ^{232}Th for the Production of ^{225}Ra and ^{225}Ac up to 200 MeV.

Speaker

Emmanuel Hemba

10:00