

Session Program

18-23 Jun 2023



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2023 CAP Congress / Congrès de l'ACP 2023 (PPD) W2-1 DM / Neutrino 3 | DM / Neutrino 3 (PPD)

University of New Brunswick

Wednesday 21 June

13:45

(PPD) W2-1 DM / Neutrino 3 | DM / Neutrino 3 (PPD)

Session | **Location:** Rm. 214 (max. 60), UNB Kinesiology | **Convener:** Savino Longo

13:45–14:15

(I) The physics potential of next-generation long-baseline neutrino experiments

Speaker

Dr Xiaoyue Li

14:15–14:30

(G*) Study of the P-ONE Site with 4-years of Data

Speaker

Braeden Veenstra

14:30–14:45

(G*) MEASUREMENT OF KAON-CARBON FORWARD DIFFERENTIAL CROSS SECTION AT 30 GEV/C WITH EMPHATIC SPECTROMETER

Speaker

Mr Bruno Ferrazzi

14:45–15:00

Measurement of antineutrino elastic scattering on free protons in the MINERvA experiment

Speaker

Noe Roy

15:00–15:15

Long-baseline neutrino oscillation analysis at the T2K experiment using a Bayesian framework

Speaker

Dr Balint Radics

15:15