Session Program

Jun 15 – 20, 2014

2014 CAP Congress / Congrès de l'ACP 2014

(R1-9) Future of Cosmic Frontier: Dark Matter II - PPD-DNP-DTP / Avenir de la frontière cosmique: matière sombre II - PPD-DPN-DPT

Laurentian University / Université Laurentienne
Sudbury, Ontario

Thu, June 19

8:45 AM

(R1-9) Future of Cosmic Frontier: Dark Matter II - PPD-DNP-DTP / Avenir de la frontière cosmique: matière sombre II - PPD-DPN-DPT

Session | **Location:** Laurentian University / Université Laurentienne, C-112, Sudbury, Ontario | **Convener:** Matthew Scott Rudolph

9:15 – 9:30 AM **Surface Alpha Background Mitigation in DEAP-3600**

Speaker
Mr Joshua Bonatt

9:30 – 9:45 AM **Characterization of DEAP-3600 PMTs**

Speaker
Paradorn Pasuthip

10:00 – 10:15 AM **PICO-2L analysis and background discrimination techniques.**

Speaker
Chanpreet Amole

10:15 – 10:30 AM

ACOUSTIC SIGNAL CONDITIONING AND NOISE REDUCTION IN PICO SUPERHEATED LIQUID DETECTOR

Speaker
Dr Ruslan Podviyanuk

10:30 – 10:45 AM

Development of a low dead time dark matter detector using a superheated liquid

Speaker
Mr Pitam Mitra

10:45 AM