

Session Program

15-20 Jun 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

Wednesday 18 June

08:45

(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

09:15–09:30

Surface Alpha Background Mitigation in DEAP-3600

Speaker

Mr Joshua Bonatt

09:30–09:45

Characterization of DEAP-3600 PMTs

Speaker

Paradorn Pasuthip

10:00–10:15

PICO-2L analysis and background discrimination techniques.

Speaker

Chanpreet Amole

10:15–10:30

ACOUSTIC SIGNAL CONDITIONING AND NOISE REDUCTION IN PICO SUPERHEATED LIQUID DETECTOR

Speaker

Dr Ruslan Podviyanuk

10:30–10:45

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

Speaker

Mr Pitam Mitra

10:45