Session Program

5–11 Jun 2022

Canadian Association of Physicists

Association canadienne des physiciens et physiciennes

2022 CAP Congress / Congrès de l'ACP 2022

R1-1 Precision and Dark Matter Experiments (PPD) | Expériences de précision et sur la matière sombre (PPD)

McMaster University

Thursday 9 June

08:45

R1-1 Precision and Dark Matter Experiments (PPD) | Expériences de précision et sur la matière sombre (PPD)

Session | **Location:** McMaster University, MDCL 1105 | **Convener:** Rainer Dick

08:45–09:00

Magnetic Holding Field Requirements for UCN Precession in the TUCAN EDM Experiment

Speaker
Mark McCrea

09:00–09:15

Radioactive Background Characterization of the Cryogenic Underground TEst Facility (CUTE)

Speaker
Dr Silvia Scorza

09:15–09:30 **DEAP-3600 Hardware Upgrades**

Speaker
Sean Daugherty

09:30–09:45

Searching for Dark Matter with Liquid Argon: DEAP-3600, DarkSide-20k, and Argo

Speaker
Chris Jillings

09:45–10:00

Calibration and characterisation of an “achinos” multi-anode sensor for the SNOLAB commissioning of the NEWS-G experiment

Speaker
George Savvidis

10:00–10:15

Light-only Liquid Xenon (LoLX) Experiment for Cherenkov and Scintillation Light

Speaker
Dr Bernadette Maria Rebeiro

10:15