

Session Program

Jun 5 - 11, 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

Thu, June 9

8:45 AM

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

8:45 – 9:00 AM

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

Speaker

Mark McCrea

9:00 – 9:15 AM

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

Speaker

Dr Silvia Scorza

9:15 – 9:30 AM

DEAP-3600 Hardware Upgrades

Speaker

Sean Daugherty

9:30 – 9:45 AM

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

Speaker

Chris Jillings

9:45 – 10:00 AM

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 AM

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

Speaker

Dr Bernadette Maria Rebeiro

10:15 AM