

Session Program

7-12 Jun 2020



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2020 CAP Virtual Sessions / Sessions virtuelle de l'ACP 2020

PPD-1 : Neutrino Physics | La physique de neutrinos

Virtual Platforms

Sunday 7 June

12:00

PPD-1 : Neutrino Physics | La physique de neutrinos

Session | **Location:** Virtual Platforms | **Convener:** Matthias Danninger

12:00–12:10 **Welcome and Introduction**

12:10–12:40 **Neutrino Interferometry at DUNE**

Speaker

Deborah Harris

12:40–13:00 **The Deep Underground Neutrino Experiment**

Speaker

Nikolina Ilic

13:00–13:20 **Supernova Neutrinos and the HALO detector**

Speaker

Dr Stanley Yen

13:20–13:40 **The SNO+ experiment: current status and prospect**

Speaker

Yi-Hsuan Lin

13:40–14:00 **Studying neutrinos with the Scintillating Bubble Chamber**

Speaker

Ken Clark

14:00–14:15

STRAW and STRAW-b: Pathfinder missions for P-ONE, a new neutrino telescope in the Pacific ocean

Speaker

Mr Andreas Gaertner

14:15