

Session Program

Jun 6 - 11, 2021



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021

R1-6 Particle Theory (DTP) / Théorie des particules (DPT)

Underline Conference System

Thu, June 10

11:45 AM

R1-6 Particle Theory (DTP) / Théorie des particules (DPT)

Session | Location: Underline Conference System | Convener: Yue Zhang

11:45 - 11:48 AM **Neutrino self-interactions and sterile neutrino dark matter**

Speaker

Manibrata Sen

11:48 - 11:51 AM

(G*) Exploring Direct Detection Suppressed Regions in a Simple 2-Scalar Mediator Model of Scalar Dark Matter

Speaker

Jérôme Claude

11:51 - 11:54 AM

(G*) NLO effects on light tetraquark mass estimates using QCD sum rules

Speaker

Barbara Cid Mora

11:54 - 11:57 AM

SU(2) lattice gauge theory on a quantum annealer

Speaker

Emanuele Mendicelli

11:57 AM - 12:00 PM

Fixed target probes for the Higgs portal

Speaker

Mr Saeid Foroughi-Abari

12:00 - 12:30 PM

Questions/Answers and Discussion Period

12:30 PM