

## Session Program

6-11 Jun 2021



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

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

***R2-4 Advances in Nuclear and Particle Theory  
(DTP/PPD/DNP) / Avancées en physique  
nucléaire et physique des particules (DPT/  
PPD/DPN)***

Underline Conference System

## Wednesday 9 June

12:45

### **R2-4 Advances in Nuclear and Particle Theory (DTP/PPD/DNP) / Avancées en physique nucléaire et physique des particules (DPT/PPD/ DPN)**

**Session** | **Location:** Underline Conference System | **Convener:** Charles Gale

12:45-12:50 **(I) From alpha clustering to homogeneous matter**

**Speaker**

Alexandros Gezerlis

12:50-12:53 **(G\*) Superfluid neutrons: from particles to matter**

**Speaker**

Georgios Palkanoglou

12:53-12:56

**Characteristics of early time gluon fields in relativistic heavy ion collisions**

**Speaker**

Margaret Carrington

12:56-12:59 **Constraints on Axions from GW170817**

**Speaker**

Zhenwei Lyu

12:59-13:02

**(G\*) Using Underground Nuclear Accelerators in the Quest for Dark Matter**

**Speaker**

Marianne Moore

13:02-13:05 **(G\*) Diagrammatic Renormalization for QCD Sum-Rules**

**Speaker**

Thamirys de Oliveira

13:05-13:30 **Questions/Answers and Discussion Period**

13:30