

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

R2-6 Contributed Talks V (DCMMP) / Conférences soumises V (DPMCM)

Underline Conference System

Wednesday 9 June

12:45

R2-6 Contributed Talks V (DCMMP) / Conférences soumises V (DPMCM)

Session | **Location:** Underline Conference System | **Convener:** Michel Gingras

12:45-12:48

Fundamental study of plasma-graphene interactions in Argon/B₂H₆ plasma

Speaker

Dr Pierre Vinchon

12:48-12:50

Questions & answers

12:50-12:53

(G*) Semi-metal insulator phase transitions in graphene - the role of anisotropy

Speaker

Brett Meggison

12:53-12:55

Questions & answers

12:55-12:58

(G*) N-heterocyclic carbene adsorption and self-assembly on Au(111): Fine-tuning the binding mode

Speaker

Ryan Groome

12:58-13:00

Questions & answers

13:00-13:03

(G*) The Journey of a single polymer chain to a nanopore

Speaker

Mr Navid Afrasiabian

13:03-13:05

Questions & answers

13:05-13:08

Tradeoffs for reliable quantum information storage from graph invariants

Speaker

Mr Nouédyn Baspin

13:08-13:10

Questions & answers

13:10-13:13

(G*) Effective Charges in Entropy Stabilized Oxides

Speaker

Tahereh Afsharvosoughi

13:13-13:15

Questions & answers

13:15-13:18

(G*) Negative Differential Resistance in Carbon-based Cryogenic Composite Nanomaterials

Speaker
Victor Wong

13:18-13:20 **Questions & answers**

13:20-13:23

(G*) High carrier mobility and anisotropic electronic structure in double-helix SnIP nanowires

Speaker
David Purschke

13:23-13:25 **Questions & answers**

13:30