

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

W2-9 Contributed Talks II (DCMMP) / Conférences soumises II (DPMCM)

Underline Conference System

Tuesday 8 June

12:45

W2-9 Contributed Talks II (DCMMP) / Conférences soumises II (DPMCM)

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

12:45–12:48

Valley-controlled transport in graphene/WSe₂ heterostructures under an off-resonant polarized light

Speaker

Muhammad Zubair

12:48–12:50

Questions & answers

12:50–12:53

Coherence transfer in two-pulse double quantum (DQ) and five-pulse double-quantum modulation (DQM) sequences in EPR: Orientation selectivity and distance measurement

Speaker

Hamidreza Salahi

12:53–12:55

Questions & answers

12:55–12:58

Electronic transport properties of tailored two dimensional materials for chemical sensors

Speaker

Ms Maryam Abarashi

12:58–13:00

Questions & answers

13:00–13:03

Modeling Amorphous Silicon Using Neural Networks

Speaker

Dr mojde fadaie

13:03–13:05

Questions & answers

13:05–13:08

Reducing Majorana Hybridization via Periodic Driving

Speaker

Brett Min

13:08–13:10

Questions & answers

13:10–13:13

Identifying and Isolating Flat Bands in 2D Systems

Speaker

Jun Hyung Bae

13:13–13:15

Questions & answers

13:15–13:18

Symmetry Breaking Effects of Instantons in Parton Gauge Theories

Speaker

Shankar Ganesh

13:18-13:20

Questions & answers

13:20-13:23

Interplay Between Electrostatic and Hydrophobic Interactions in Aqueous Dispersions of OSA-Modified Phytoglycogen Nanoparticles

Speaker

Ms Carley Miki

13:23-13:25

Questions & answers

13:30