

Session Program

5-11 Jun 2022



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2022 CAP Congress / Congrès de l'ACP 2022

M2-7 Low Dimensional Materials and Heterostructures (DCMMP) | Matériaux à basse dimension et hétérostructures (DPMCM)

McMaster University

Monday 6 June

13:15

M2-7 Low Dimensional Materials and Heterostructures (DCMMP) | Matériaux à basse dimension et hétérostructures (DPMCM)

Session | **Location:** McMaster University, MDCL 1010 | **Convener:** Adina Luican-Mayer

13:15-13:30 (G*) Gated quantum structures in 2D semiconductors

Speaker

Justin Boddison-Chouinard

13:30-13:45

(G*) Method for exfoliating large area monolayer transition metal dichalcogenides

Speaker

Antoine Labbé

13:45-14:00

(G*) Stacking order domains in twisted transition metal dichalcogenides

Speaker

Laurent Molino

14:00-14:15

(G) Fine Structure of Excitons in TMD Type-II Heterostructures

Speaker

Katarzyna Sadecka

14:15-14:30

(G*) The charge characterization of atomic wires on hydrogen passivated silicon

Speaker

Max Yuan

14:30-14:45

Scanning Tunneling Microscopy and Spectroscopy of a Graphene-rhenium Disulfide Heterostructure at Low Temperature

Speaker

Ryan Plumadore

14:45