

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024

***(DCMMP) T2-7 Material Properties |
Propriétés des matériaux (DPMCM)***

Western University

Tuesday 28 May

14:15

(DCMMP) T2-7 Material Properties | Propriétés des matériaux (DPMCM)

Session | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 106 (CAP. 96) | **Convener:**
Ganesh Ramachandran

14:15–14:30

High resolution strain measurements in highly disordered materials

Speaker

Mark Sutton

14:30–14:45

(G) Substitutionality of ion beam implanted Sn in Si (001)

Speaker

Chinenye Ekeruche

14:45–15:00

(G*) Metallic bonding in close-packed solids

Speaker

Connor Wilson

15:00–15:15

Materials physics in ocean-based carbon dioxide removal strategies

Speaker

Kristin Poduska

15:15–15:30

(UG*) Enhancing the Performance of Thermoelectric Materials by Integrating Computational Modelling and Machine Learning

Speaker

Malavika Nair

15:30–15:45

(G*) Investigation of the Adsorption of Particles at Liquid-gas Interface: Numerical Modelling

Speaker

Sheyda Sadat Alavi

15:45