

## Session Program

5-11 Jun 2022



Canadian Association  
of Physicists

Association canadienne  
des physiciens et physiciennes

**2022 CAP Congress / Congrès de l'ACP 2022**

***W3-10 Applied Physics I (DAPI) | Physique  
appliquée I (DPAI)***

McMaster University

## Tuesday 7 June

15:15

### W3-10 Applied Physics I (DAPI) | Physique appliquée I (DPAI)

Session | Location: McMaster University, MDCL 1016 | Convener: Louis Poirier

15:15-15:30 (G\*) **Universality in Prediction Markets**

**Speaker**

Keanu Mason Rock

15:30-15:45

**(U\*) Earth-Like Stratospheric Clouds Do Not Impede Transit Spectroscopy with JWST**

**Speaker**

Dhvani Chetan Doshi

15:45-16:00

**(G\*) Quantifying radiolysis effects for in-situ Rutherford Backscattering Spectrometry (RBS)**

**Speaker**

Hunter Feltham

16:00-16:15

**(U\*) A Joint Chirp-Rate-Time-Frequency Transform for Non-templated BBH Merger Gravitational-Wave Signal Detection Using Spectrograms**

**Speaker**

Xiyuan Li

16:15-16:30

**An investigation of power loss in a thickness-mode piezoelectric transducer**

**Speaker**

Orlando Rodríguez

16:30