

Session Program

18-23 Jun 2023



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2023 CAP Congress / Congrès de l'ACP 2023

***(DAPI) M1-6 Applied Physics I | Physique
appliquée I (DPAI)***

University of New Brunswick

Sunday 18 June

10:45

(DAPI) M1-6 Applied Physics I | Physique appliquée I (DPAI)

Session | **Location:** Rm. 205 (max. 85), UNB Tilley Hall | **Convener:** Steffon Luoma

10:45–11:15

(I) New life for old instrumentation: the revival of a 1981-vintage Bomem DA3 high resolution Fourier transform spectrometer.

Speaker

Dennis Tokaryk

11:15–11:30

At the tip of an intense laser beam: operando monitoring of laser processing in manufacturing

Speaker

Prof. James Fraser

11:30–11:45

(G*) Formation of titanium oxide in radiolytically decomposed water

Speaker

Hunter Feltham

11:45–12:00

Cross-sectional characterization of the mobility of photovoltaic semiconducting devices via photocarrier extraction by linearly increasing voltage

Speaker

Noah Stocek

12:00–12:15

(G*) Hyperoptimization insight for computational morphogenesis

Speaker

Hazhir Aliahmadi

12:15