



# 2023 CAP Congress / Congrès de l'ACP 2023

## Monday 19 June 2023

**(DAMOPEC) M3-2 Atomic- and molecular physics - laser spectroscopy | Physique atomique et moléculaire - spectroscopie laser (DPAMPC) - UNB Tilley Hall (16:00 - 17:45)**

-Conveners: Jens Lassen

time	[id] title	presenter
16:00	[3659] Spinning the Top at the Light Source – Torsional FTIR Synchrotron Spectra of the CD <sub>3</sub> SH Species of Methyl Mercaptan	LEES, Ronald
16:15	[3798] (G*) Optical fiber probe for the detection of chemicals: Rhodamine 6G and Crystal Violet	Ms KAUR, Navneet
16:30	[3793] (G*) Passively Q-Switched fiber laser using an aqueous solution of gold nanorods and poly vinyl alcohol as a saturable absorber	Ms VARSHA, Varsha
16:45	[3830] (G*) Laser Based Studies of Iron Monohydride (FeH): New Electronic States and Zeeman Spectroscopy in Support of Exoplanet Research	BLACKMORE, Timothy
17:00	[3833] (G*) The $A^{2}\Pi_{1/2} - X^{2}\Sigma^{+}$ Transition in YbOD, a Molecule of Interest in the Search for Physics Beyond the Standard Model	CARON, Nicholas
17:15	[3944] discussion & networking	