

## **Session Program**

**5-11 Jun 2022**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

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

***T1-2 Plasma Physics Symposium I (DPP) |  
Symposium de physique des plasmas I (DPP)***

McMaster University

# Monday 6 June

08:30

## T1-2 Plasma Physics Symposium I (DPP) | Symposium de physique des plasmas I (DPP)

Session | Location: McMaster University, MDCL 1010 | Convener: Ahmad Hamdan

08:30–09:00

### (I) Plasma-catalysis: From catalyst synthesis to control of plasma chemistry

**Speaker**

Sylvain Coulombe

09:00–09:30

### (I) Investigation of the Pre-ionization Mechanisms in Atmospheric Pressure Townsend Discharges Obtained in Various Gases

**Speaker**

Simon Dap

09:30–09:45

### Hydrophobic Recovery of Plasma Modified Electro-spun versus Smooth Polymer Surfaces

**Speaker**

Cédric Pattyn

09:45–10:00

### (G\*) Time-resolved optical emission spectroscopy of a nanosecond, pulsed microwave plasma ignited by time reversal

**Speaker**

Mrs Amaia DRIOLLET

10:00–10:15

### (G\*) Microscale electric field detection improvements: Steps toward tailoring cold atmospheric pressure plasma

**Speaker**

Mr Justin Hogue

10:15