

Plasma Symposium Day Schedule Tuesday 4 June 2019

T2-2 Plasmas at Surfaces (10:45 am – 12:00 pm)

Location: *Simon Fraser University Room SCP8445.2*

Time Slot	Abstract Title	Abstract ID#	Speaker	Type
10:45 am – 11:15 am	Plasma Treatment of Wood Surfaces	#2852	Prof. Phil Evans <i>University of British Columbia</i>	Invited (30m)
11:15 am– 11:30 am	About the definition of a "local" temperature around a spacecraft in the ionosphere	#2391	Prof. Roger Godard <i>Royal Military College</i>	Contributed (15m)
11:30 am – 12:00 pm	Negative-ion surface production in hydrogen low-pressure plasmas	#2612	Prof. Gilles Cartry <i>Université Aix-Marseille</i>	Invited (30m)

T3-2 Novel Magnetic Fusion Configurations (1:15 pm – 2:30 pm)

Location: *Simon Fraser University Room SCP8445.2*

Time Slot	Abstract Title	Abstract ID#	Speaker	Type
1:15 pm – 1:45 pm	General Fusion's Approach to Magnetized Target Fusion	#2715	Dr. Michel Laberge <i>General Fusion</i>	Invited (30m)
1:45 pm – 2:15 pm	Developments in Compression of Magnetized Plasmas	#2713	Michael Delage <i>General Fusion</i>	Invited (30m)
2:15 pm – 2:30 pm	The Field-Reversed Configuration as a Practical Fusion Reactor Core	#2794	Edward DeWitt <i>Queen's University</i>	Contributed (15m)

T4-2 Plasmas in Different Regimes: Hot and Cold (3:15 pm – 4:45 pm)

Location: *Simon Fraser University Room SCP8445.2*

Time Slot	Abstract Title	Abstract ID#	Speaker	Type
3:15 pm – 3:45 pm	The effect of hyper-resistivity on nonlinear resistive tearing modes	#2729	Prof. Ding Li <i>Chinese Academy of Sciences</i>	Invited (30m)
3:45 pm – 4:15 pm	Ultra-broad bandwidth lasers opening up an easier path to laser fusion	#2442	Prof. Jason Myatt <i>University of Alberta</i>	Invited (30m)
4:15 pm – 4:45 pm	UV spectroscopy of cold aromatic molecular systems as a diagnostic of size, functional group, and charge effects.	#2445	Prof. J. Nobel <i>Université Aix-Marseille</i>	Invited (30m)

4:45pm - 6:15 pm Division of Plasma Physics Poster Session

Location: Simon Fraser University Room *SWH 9082 + AQ South-East Corner*

Schedule of "Lightning Talks" (2 minutes each) prior to the Poster Session

4:45 - 4:47 pm Mr. Nathan Nelson (*University of Saskatchewan PPL*) **Effect of CT Injection on Dusty Plasma in the STOR-M Tokamak**

4:47 - 4:49 pm Prof. Lénia Couedel (*University of Saskatchewan PPL*) **DC magnetron discharge used for nanoparticle growth: comparison of particle- in-cell simulations with experimental measurements**

4:49 - 4:51 pm Mr Joseph Adegun (*TRIUMF/UBC*) **Improvement of the Efficiency and Beam Quality of the TRIUMF Charge State Booster**

4:51 - 4:53 pm Mr. Michael Delage (*General Fusion*) **General Fusion Overview**

4:53 - 4:55 pm Dr. Myles Hildebrand (*General Fusion*) **Fast Neutron Diagnostics on MTF Compression Experiments**

4:55 - 4:57 pm Mr. Alex Chang (*University of Saskatchewan PPL*) **Pulsed-Target Magnetron-Enhanced ICP Plasma System**

4:57 - 4:59 pm Mr. Edward DeWitt (*Queen's University*) **Mitigation of the Rotational Instability of the Field-Reversed Configuration via Edge-Biasing**

6:30 pm – 7:40 pm Student Session : Industry Meet & Mingle | Session étudiante - Rapprochement industriel

Conveners: Ian D'Souza (**Honeywell**) and Daniel Cluff (**University of Exeter**)

Location: Simon Fraser University Room HC126

6:30 - 6:40 pm *Andrew Feltham* **Broadcom**

6:40 - 6:50 pm *Gertjan Hofman* **Honeywell**

6:50 - 7:00 pm *Mark Johnson* **D-Wave**

7:00 - 7:10 pm *Shun Chi* **MDA / MAXAR**

7:10 - 7:20 pm *Ian D'Souza* **Honeywell**

7:20 - 7:30 pm *Dr Daniel Cluff* **CanMind**

7:30 - 7:40 pm Speaker TBA **Insight Data Science**