

Session Program

26-31 May 2024



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2024 CAP Congress / Congrès de l'ACP 2024 (DPP) W2-5 Plasma Physics and Technology | Physique et technologie des plasmas (DPP)

Western University

Wednesday 29 May

10:30

(DPP) W2-5 Plasma Physics and Technology | Physique et technologie des plasmas (DPP)

Session | **Location:** Physics & Astronomy Bldg., Western U., PAB Rm 150 (cap. 48) | **Convener:** Nicolas NAUDE

10:30-11:00

Application of non-thermal plasma during tumorectomies to improve local control of triple-negative breast cancer.

Speaker

Audrey Glory

11:00-11:30

Improving Food Safety and Quality Using High Voltage Atmospheric Cold Plasma (HVACP) Technology

Speaker

Prof. Kevin Keener

11:30-11:45

(G*) Cold atmospheric plasma treatment of chronic wounds—investigation of the effects of reactive oxygen and nitrogen species on fibrosis-related cellular signaling pathways.

Speaker

Ms Juliette Letellier-Bao

11:45-12:00

(G*) Electrifying Greenhouse Agriculture: Cold Atmospheric Pressure Plasma Technology for Pythium ultimum Control

Speaker

Mr Sean Watson

12:00