

Session Program

8-13 Jun 2025



**Canadian Association
of Physicists**

**Association canadienne
des physiciens et physiciennes**

2025 CAP Congress / Congrès de l'ACP 2025

***(DAMOPC) T1-3 Analytical Methods - Ions and
Radiation | Méthodes analytiques - ions et
radiations (DPAMPC)***

Tuesday 10 June

10:15

(DAMOPC) T1-3 Analytical Methods - Ions and Radiation | Méthodes analytiques - ions et radiations (DPAMPC)

Session

10:15-10:45

Interatomic Coulombic decay in ion-impact collisions: a theoretical perspective

Speaker

Tom Kirchner

10:45-11:15

Trapped-ion quantum simulations with mid-circuit measurements and resets

Speaker

Kazi Rajibul Islam

11:15-11:30

Analytical Models for Crossing-Beam Backward Stimulated Brillouin Scattering Amplifiers

Speaker

John Gjevre

11:30-11:45

Portable Anemia analysis using photovoltaic devices: Precision on the go!

Speaker

Sergio Majluf Suárez

12:00

11:45-12:00

Discussion / Networking