

## **Session Program**

**6-11 Jun 2021**



**Canadian Association  
of Physicists**

**Association canadienne  
des physiciens et physiciennes**

## **2021 CAP Virtual Congress / Congrès virtuel de l'ACP 2021**

### ***M2-1 Interaction between matter and light (DAMOPEC) / Interaction entre matière et lumière (DPAMPC)***

Underline Conference System

## Sunday 6 June

12:45

### M2-1 Interaction between matter and light (DAMOPC) / Interaction entre matière et lumière (DPAMPC)

**Session** | **Location:** Underline Conference System | **Convener:** Duncan O'Dell

12:45-12:50

#### (I) Ionization of biologically relevant molecules studied with an independent atom model including geometric overlap

**Speaker**

Prof. Tom Kirchner

12:50-12:55

#### (I) Many-body QED with atoms and photons

**Speaker**

Prof. Kyung Choi

12:55-12:59

#### Light-matter Interaction in Plasmonic Nanohybrids

**Speaker**

Dr Mahi Singh

12:59-13:03

#### (G\*) Two-photon decay rates in heliumlike ions: finite nuclear mass effects<sup>^\*</sup>

**Speaker**

Aaron Bondy

13:03-13:07

#### Resonant laser ionization spectroscopy to study Rydberg and autoionizing states

**Speaker**

Dr Ruohong Li

13:07-13:11

#### Selective Laser Ablation Ion-Trap Loading of $^{137}\mathrm{Ba}^+$

**Speaker**

Brendan White

13:11-13:30

#### Group discussion

13:30