

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 (DAMOPC) / 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 $\$^{*}\$$

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