

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

R3-2 Ultrafast Processes (DAMOPC) / Procédés ultrarapides (DPAMPC)

Underline Conference System

Thursday 10 June

15:45

R3-2 Ultrafast Processes (DAMOPC) / Procédés ultrarapides (DPAMPC)

Session | Location: Underline Conference System | Convener: Nisha Rani Agarwal

15:45-15:50

(I) Signatures of light-induced potential energy surfaces in H₂⁺ - beyond conical intersections

Speaker

Prof. Andre Staudte

15:50-15:55

(I) Coherent Ultrafast Electronic Dynamics in Molecules

Speaker

Prof. Albert Stolow

15:55-15:59

Clocking enhanced ionization of hydrogen molecule using molecular rotational wavepackets

Speaker

Yonghao Mi

15:59-16:03

(G*) Wavelength-dependent depolarization in fiber-based supercontinuum

Speaker

Nicolas Couture

16:03-16:07

Multi-octave Parametric Amplification for Ultrashort Laser Pulses

Speaker

TJ Hammond

16:07-16:11

An exploration for new phenomena using high-harmonic generation in two-dimensional van der Waals materials

Speaker

Mr Chandler Bossaer

16:30