

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

W-POS-F #41-56 Poster session (DCMMP) / Session d'affiches (DPMCM)

Underline Conference System

Tuesday 8 June

13:45

W-POS-F #41-56 Poster session (DCMMP) / Session d'affiches (DPMCM)

Session | Location: Underline Conference System | Convener: Michel Gingras

13:45-13:47

(G*) POS-F41 -- A Study of Silicon Dangling Bond Pairs in Search of a True Random Number Generator

Speaker

Furkan Altincicek

13:47-13:49

POS-F42 -- Exact Diagonalization on Pyrochlore System with Lattice Distortion

Speaker

chen wei

13:49-13:51

(U*) POS-F43 -- Finite Difference Simulation of Interacting Resonance and Pulse Waves in a Nonlinear Material

Speaker

Matthew Williams

13:51-13:53

(G*) POS-F44 -- Electronic properties of pure and iron(III) doped TiO₂ nanomaterials

Speaker

Mr Tuochen Gong

13:53-13:55

POS-F45 -- Optimizing ZnO overlayer for surface acoustic wave devices

Speaker

Golnaz Azodi Aval

13:55-13:57

WITHDRAWN

13:57-13:59

(G*) POS-F47 -- Microwave resonators for global control of electron spins qubits

Speaker

Stephen R. Harrigan

13:59-14:01

(G*) POS-F48 -- Evolution of Shadowed Triplet Superconductor to Spin-Density Wave in Sr₂RuO₄ and Sr₃Ru₂O₇

Speaker

Austin Lindquist

14:01-14:03

POS-F49 -- Theory of Hysteretic Behaviour of Doped Quantum Paraelectric-Insulator Interfaces

	<p>Speaker Kelsey Chapman</p>
	<p>14:03-14:05 POS-F50 -- Studying Advanced Materials at the REIXS Beamline</p> <p>Speaker Dr Teak Boyko</p>
	<p>14:05-14:07</p> <p>POS-F51 -- Non-linear elastic wave interactions: pump-probe experiments in rocks</p> <p>Speaker Kristin Poduska</p>
	<p>14:07-14:09</p> <p>POS-F52 -- Theoretical study of strain and superconductivity in Sr2IrO4</p> <p>Speaker Lena Engström</p>
	<p>14:09-14:11 WITHDRAWN</p>
	<p>14:11-14:13</p> <p>POS-F54 -- Transport of Majorana zero modes in 1D topological superconductors</p> <p>Speaker Bill Truong</p>
	<p>14:13-14:15</p> <p>POS-F55 -- Toward an understanding of the interplay between quantum magnetism and electron transport in magnetic topological insulators</p> <p>Speaker Ivan Martinez</p>
	<p>14:15-14:17 POS-F56 -- Solitons of the higher spin Haldane spin chain</p> <p>Speaker Christian Boudreault</p>

14:45

17:30

18:30

W-POS-F #41-56 Poster session (DCMMP) / Session d'affiches (DPMCM)
Session | **Location:** Underline Conference System | **Convener:** Michel Gingras