Session Program

Jun 6 – 11, 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

Wed, June 9

1:45 PM

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

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

1:45 – 1:47 PM

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

Speaker
Furkan Altincicek

1:47 – 1:49 PM

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

Speaker
chen wei

1:49 – 1:51 PM

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

Speaker
Matthew Williams

1:51 – 1:53 PM

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

Speaker
Mr Tuochen Gong

1:53 – 1:55 PM

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

Speaker
Golnaz Azodi Aval

1:55 – 1:57 PM **WITHDRAWN**

1:57 – 1:59 PM

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

Speaker
Stephen R. Harrigan

1:59 – 2:01 PM

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

Speaker
Austin Lindquist

2:01 – 2:03 PM

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

Speaker
Kelsey Chapman

2:03 – 2:05 PM **POS-F50 -- Studying Advanced Materials at the REIXS Beamline**

Speaker
Dr Teak Boyko

2:05 – 2:07 PM
POS-F51 -- Non-linear elastic wave interactions: pump-probe experiments in rocks

Speaker
Kristin Poduska

2:07 – 2:09 PM
POS-F52 -- Theoretical study of strain and superconductivity in Sr2IrO4

Speaker
Lena Engström

2:09 – 2:11 PM **WITHDRAWN**

2:11 – 2:13 PM
POS-F54 -- Transport of Majorana zero modes in 1D topological superconductors

Speaker
Bill Truong

2:13 – 2:15 PM
POS-F55 -- Toward an understanding of the interplay between quantum magnetism and electron transport in magnetic topological insulators

Speaker
Ivan Martinez

2:15 – 2:17 PM **POS-F56 -- Solitons of the higher spin Haldane spin chain**

Speaker
Christian Boudreault

2:45 PM

5:30 PM **W-POS-F #41-56 Poster session (DCMMP) / Session d'affiches (DPMCM)**
Session | **Location:** Underline Conference System | **Convener:** Michel Gingras

6:30 PM