

## **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-G #57-74 Poster session (Mag.North) / Session d'affiches (Nord mag.)***

Underline Conference System

## Tuesday 8 June

13:45

### W-POS-G #57-74 Poster session (Mag.North) / Session d'affiches (Nord mag.)

Session | Location: Underline Conference System | Convener: Bruce Gaulin

13:45-13:47 **POS-G57 -- Imaging Magnetic Dynamics on the Atomic Scale**

**Speaker**

Sangeev Selvaratnam

13:47-13:49

**POS-G58 -- Collective dynamics of antiferromagnetic domain walls in an optical cavity**

**Speaker**

Oluwanisola Iyaro

13:49-13:51

**POS-G59 -- Investigation of the dynamics of twisted bilayer artificial spin ice structure**

**Speaker**

Rehana Begum Popy

13:51-13:53

**(G\*) POS-G60 -- Large Magnetic Anisotropy in Spinel Vanadate Thin Films**

**Speaker**

Sangsoo Kim

13:53-13:55

**(G\*) POS-G61 --  $\mu$ SR study of superconducting Re-B compounds**

**Speaker**

Sudarshan Sharma

13:55-13:57

**(G\*) POS-G62 -- Extent of Frustration in the Classical Kitaev- $\gamma$  Model**

**Speaker**

Ahmed Rayyan

13:57-13:59

**POS-G63 -- The ground state of the disordered triangular lattice**

**Speaker**

Santanu Dey

13:59-14:01

**POS-G64 -- The Kosterlitz-Thouless transition in a finite 2D magnetic film with fourfold anisotropy**

**Speaker**

Jordan Atchison

14:01-14:03

**WITHDRAWN**

14:03-14:05

**(G\*) POS-G66 -- Dynamical Backaction Magnomechanics**

**Speaker**  
Clinton Potts

14:05-14:07

**(G\*) POS-G67 -- Unconventional singularity in anti-parity-time symmetric cavity magnonics**

**Speaker**  
Ying Yang

14:07-14:09

**(G\*) POS-G68 -- The Einstein-de Haas Effect in Yttrium Iron Garnet at 3 MHz**

**Speaker**  
Michael Dunsmore

14:09-14:11

**(G\*) POS-G69 -- Three-axis torque magnetometry for study of interfacial exchange coupling in ferromagnetic/antiferromagnetic bilayers.**

**Speaker**  
Ms Katryna Fast

14:11-14:13

**POS-G70 -- Implementation of skyrmion cellular automaton using Brownian motion**

**Speaker**  
Ryo Ishikawa

14:13-14:15

**(G\*) POS-G71 -- Hidden diffusion and perpetual motion of the skyrmions**

**Speaker**  
Mr Soma MIKI

14:15-14:17

**POS-G72 -- Multi-frequency torque magnetometry: contribution of the Einstein-de Haas effect, and direct detection of overlapping magnetic and mechanical resonance modes**

**Speaker**  
Dr Joseph Losby

14:17-14:19

**POS-G73 -- Pure-spin-current diode-like effect at the Au/Pt interface**

**Speaker**  
Pavlo Omelchenko

14:19-14:21

**POS-G74 -- Observation of Magnon-Photon Coupling in a THz Scanning Fabry-Pérot Cavity**

**Speaker**  
Aimé Braconnier

14:45

17:30

18:30

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