

Session Program

28 May 2017 to 2 June 2017



Canadian Association
of Physicists

Association canadienne des
physiciens et physiciennes

2017 CAP Congress / Congrès de l'ACP 2017

***W3-6 Surface Science (DSS) | Science des
surfaces (DSS)***

Queen's University

Wednesday 31 May

13:30

W3-6 Surface Science (DSS) | Science des surfaces (DSS)

Session | **Location:** Queen's University, BioSci 1120 | **Convener:** Steve Patitsas

13:30–13:45

Quantifying morphological differences between seemingly similar systems of self-assembled planar particles to evaluate the influence caused from varying experimental methods in order to achieve better control over producing patterns with a desired intermolecular structure and dispersion

Speaker

Mr Matt Bumstead

13:45–14:15

Using a qPlus Sensor to probe a Delta-Doped System and a large Dipolar Molecule adsorbed on a 2DEG

Speaker

Prof. Alastair McLean

14:15–14:30

The self-assembly of halogenated molecules on the Si(111) $\sqrt{3}\times\sqrt{3}$ -Ag surface

Speaker

Prof. Mark Gallagher

14:30–14:45

Antiferromagnetic coupling strength between Co films across NiRu, CoRu, and FeRu

Speaker

Prof. Erol Girt

14:45–15:00

Spin transfer torque switching in nano-pillars with SAF reference layer

Speaker

Prof. Erol Girt

15:00