

Session Program

13-19 Jun 2015



2015 CAP Congress / Congrès de l'ACP 2015

***DCMMP Poster Session with beer / Session
d'affiches, avec bière DPMCM***

University of Alberta
Edmonton, AB

Wednesday 17 June

19:00

DCMMP Poster Session with beer / Session d'affiches, avec bière DPMCM

Session | **Location:** University of Alberta, CCIS Ground Floor PCL lounge | **Convener:** Mona Berciu

19:00-19:02 Optomechanics with a Twist

Speaker

Paul Kim

19:02-19:04

Photonic actuation and detection of higher order modes in nanomechanical resonators

Speaker

J. N. Westwood-Bachman

19:04-19:06

Coupling THz Pulses to a Scanning Tunneling Microscope

Speaker

Peter Nguyen

19:06-19:08

Ultrafast All-Optical Switching in Semiconductor Nanoparticles

Speaker

Jeff Krupa

19:08-19:10

GC-MS to GC-NOMS: A step towards portable analysis

Speaker

Dr Anandram Venkatasubramanian

19:10-19:12

Poor Q-factor? - no problem: nano-optomechanical mass sensing in ambient conditions

Speaker

Mr S. K. Roy

19:12-19:14

Modeling dome microcavities in COMSOL

Speaker

Hugh Ramp

19:14-19:16

Thermophysical Properties of Heavy Water and Pertinent Calculations

Speaker

Dr Robert L. Varty

19:16-19:18

Deuterium NMR and Rheology of Microgel Colloids at Ambient and High Pressure

Speaker

Suhad SBEIH

19:18-19:20

Adsorption of thiophene-based molecules at passivated silicon surfaces

22:00

Speaker Renjie Liu
19:20–19:22 Dielectric spectroscopy of polyvinyl alcohol cryogels Speaker John de Bruyn
19:22–19:24 Granular assemblies: a sandbox of nonlinear physics phenomena Speaker Michelle Przedborski
19:24–19:26 Anisotropic Bragg mirror made from one single material used for polarized laser emission from a Yb-doped YAG ceramic Speaker Jean-François Bisson