

## **Session Program**

**13-19 Jun 2015**



**2015 CAP Congress / Congrès de l'ACP 2015**

***T1-2 Many body physics & Quantum  
Simulation (DAMOPC-DCMMP) / Physique des  
N corps et simulation quantique (DPAMPC-  
DPMCM)***

University of Alberta  
Edmonton, AB

## Tuesday 16 June

08:45

### **T1-2 Many body physics & Quantum Simulation (DAMOPC-DCMMP) / Physique des N corps et simulation quantique (DPAMPC-DPMCM)**

**Session** | **Location:** University of Alberta, CAB 235 | **Convener:** Shohini Ghose

08:45–09:15

#### **Universal features of quantum dynamics: quantum catastrophes**

**Speaker**

Duncan O'Dell

09:15–09:30

#### **Hot and Cold Dynamics of Trapped Ion Crystals near a Structural Phase Transition**

**Speaker**

Paul C Haljan

09:30–09:45

#### **Simulating Anderson localization via a quantum walk on a one-dimensional lattice of superconducting qubits.**

**Speaker**

Joydip Ghosh

09:45–10:15

#### **Cold Atom Metrology: Progress towards a New Absolute Pressure Standard**

**Speaker**

Dr James Booth

10:15