

## **Session Program**

**12-17 Jun 2016**



**2016 CAP Congress / Congrès de l'ACP 2016**

***R1-6 General Instrumentation I (DIMP) /  
Physique générale des instruments I (DPIM)***

University of Ottawa  
SITE Building, 800 King Edward Ave, Ottawa, ON

## Thursday 16 June

08:30

### R1-6 General Instrumentation I (DIMP) / Physique générale des instruments I (DPIM)

**Session** | **Location:** University of Ottawa, SITE J0106, SITE Building, 800 King Edward Ave, Ottawa, ON |  
**Convener:** Kirk Michaelian

08:30–08:45

#### Nuclear Emergency Response: Comparison of Different Methodologies to Measure $\gamma$ -Radiation from Ground Deposition

**Speaker**

Dr Matthew Rodrigues

08:45–09:00

#### Measurements of $^{236}\text{U}$ by Accelerator Mass Spectrometry

**Speaker**

Dr Zakir Kazi

09:00–09:15

#### Measurement of Fissionogenic Cs Radioisotopes in Seawater by QQQ-ICPMS: Progress Report

**Speaker**

Cole MacDonald

09:15–09:30

#### Improve Determination of $^{99}\text{Tc}$ in Environmental Samples by ICP-MS using TRU<sup>®</sup> Resin

**Speaker**

Nicolas Guérin

09:30–09:45

#### DHCAL with Minimal Absorber: Measurements with Positrons

**Speaker**

Benjamin Freund

09:45–10:00

#### SELECTION OF OPTIMAL REGRESSION MODELS FOR INSTRUMENT CALIBRATION

**Speaker**

Nimal De Silva

10:00–10:15

#### Advancing Canada's Martian In Situ Spectrometer: Sub-cm Chemistry for the Ongoing Assessment of Past Habitability on Mars

**Speaker**

Mr Scott VanBommel

10:30