

## **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**

### ***R2-1 Applied Physics and Instrumentation (DIMP/DIAP) | Physique appliquée et instrumentation (DPIM/DPIA)***

Queen's University

## Thursday 1 June

11:30

### **R2-1 Applied Physics and Instrumentation (DIMP/DIAP) | Physique appliquée et instrumentation (DPIM/DPIA)**

**Session** | **Location:** Queen's University, Botterell B147 | **Convener:** Kirk Michaelian

11:30-11:45

#### **Examinations of oxo-degradable polyolefin-based agricultural mulch film**

**Speaker**

Dr Christopher Murray

11:45-12:00

#### **FTIR Synchrotron Spectroscopy of the S-H Stretching Band of Methyl Mercaptan - An Interstellar and Biogenic Molecule**

**Speaker**

Dr Ronald M. Lees

12:00-12:15

#### **Error Free Transmission of 5 Gbps Data at 140 GHz Using Difference Frequency Generation**

**Speaker**

Mr Kathirvel Nallappan

12:15-12:30

#### **High Speed Terahertz Near-field Imaging Using Spatial Wavefront Modulator**

**Speaker**

Mr Kathirvel Nallappan

12:30