

# **International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (PIXEL2014)**



**Monday, 1 September 2014 - Friday, 5 September 2014**

**Niagara Falls, Canada**

## **Scientific Programme**

**Particle physics applications - High Energy Physics**

**Particle physics applications - Nuclear Physics**

**Particle physics applications - Astrophysics**

**X-ray imaging applications - Astronomy**

**X-ray imaging applications - Biology**

**X-ray imaging applications - Medicine**

**X-ray imaging applications - Material Science**

**Front end electronics and readout - Readout chip developments**

**Front end electronics and readout - Readout architectures**

**Front end electronics and readout - 3D interconnection**

**Pixel technologies - Hybrid pixels**

**Pixel technologies - Monolithic detectors**

**Pixel technologies - 3D sensors**

**Data reconstruction and algorithms - Pattern  
recognition and imaging**

**Data reconstruction and algorithms - Vertexing**

**Ultra light mechanics and cooling**

**Radiation effects**

**Opening and Closing**