

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