

# **International Workshop on Semiconductor Pixel Detectors for Particles and Imaging (PIXEL2012)**

**Sunday, 2 September 2012 - Friday, 7 September 2012**

**Hotel Listel Inawashiro, Inawashiro, Japan**

## **Scientific Programme**

Deadlines:

Abstract submission -- May 7 (open March 19)

Registration -- Early by July 16 (open March 19), August 20

Payment -- Early: July 30, Normal: Aug. 31

Accommodation blockbooking -- August 20 (open July 16)

Paper submission -- Oct. 29

## **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**