

# **TWEPP-09 Topical Workshop on Electronics for Particle Physics**

**Monday, 21 September 2009 - Friday, 25 September 2009**

**Institut des Cordeliers 15, rue de l'Ecole de Médecine (Métro Odéon) Paris, France**

## **Scientific Programme**

Workshop topics  
Electronics for Particle Detection,  
Triggering and Acquisition Systems,  
Electronics for Accelerator and Beam Instrumentation,  
Custom Analogue and Digital Circuits,  
Programmable Digital Logic Applications,  
Optoelectronic Data Transfer and Control,  
Packaging and Interconnect Technologies,  
Radiation and Magnetic Tolerant Components and Systems,  
Production, Testing and Reliability,  
Power Management and Conversion,  
Grounding, Shielding and Cooling,  
Design Tools and Methods.  
Workshop sessions

## **ASIC's**

## **Programmable Logic, design tools and methods**

## **Optoelectronics and Links**

## **Power, grounding and shielding**

## **Packaging and interconnects**

## **Radiation tolerant components and systems**

## **Production, testing and reliability**

## **Systems, installation and commissioning**

## **Trigger**

## **Topical Session: Low power designs for chips, boards and systems**

**Other**