TWEPP-14

Topical Workshop on Electronics for Particle Physics

Aix-en-Provence, France, 22 - 26 September 2014

The workshop will cover all aspects of electronic systems and components for particle and astro-particle physics experiments, and accelerator instrumentation: electronics for particle detection, triggering, data-acquisition systems, accelerator and beam instrumentation. Operational experience of electronic systems of currently running experiments and R&D in electronics for future experiments (High Luminosity LHC, FAIR, CLIC, ILC, neutrino facilities, ...) are the major focus of the workshop.

Mont Sainte-Victoire – Paul Cézanne – 1887, Courtauld Institute of Art, London, UK

Workshop topics

- Highly integrated detectors and electronics
- 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
- Testing and Reliability
- Power Management and Conversion
- Grounding and Shielding
- Design Tools and Methods

Deadline for abstracts: 30 April 2014

Local organization

J-P. Cachemiche (CPPM - IN2P3, chair)
M. Damoiseaux (CPPM - IN2P3)
B. Dinkespiler (CPPM - IN2P3)
J. Munoz (CPPM - IN2P3)
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Scientific organization

J. Christiansen (CERN, chair)
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M. French (RAL)
G. Hall (Imperial College)
M. Hansen (CERN)
L. Mapelli (CERN)
A. Marchioro (CERN)
L. Musa (CERN)
M. Newcomer (U. of Pennsylvania)
J. Serrano (CERN)
W. Smith (U. of Wisconsin)
C. de la Taille (OMEGA-CNRS/IN2P3)
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Organised by:
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