

# TWEPP-09

## Topical Workshop on Electronics for Particle Physics

Paris, France

21-25 September 2009

The workshop will cover all aspects of electronics for particle physics experiments, and accelerator instrumentation of general interest to users. LHC experiments will remain a focus of the meeting but a strong emphasis on R&D for future experimentation will be maintained, such as SLHC, CLIC, ILC, neutrino facilities as well as other particle and astroparticle physics experiments.

### 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

Deadline for abstracts 30 April 2009

#### Scientific organisation

F. Vasey, CERN, Chair  
J. Christiansen, CERN  
P. Farthouat, CERN  
A. Gonidec, CERN  
G. Hall, Imperial College  
M. Hansen, CERN  
A. Marchioro, CERN  
J. Oliver, Harvard  
E. Petrolo, INFN, Rome  
S. Quinton, RAL  
W. Smith, Wisconsin  
C. de la Taille, OMEGA-LAL  
T. Wijnands, CERN  
M. Winter, IRES  
K. Wyllie, CERN  
R. Yarema, FNAL

#### Local organisation

C. de la Taille, OMEGA-LAL, Chair  
P. Chémali, LAL  
D. Lacour, LPNHE  
H. Lebbolo, LPNHE  
G. Martin-Chassard, OMEGA-LAL  
N. Seguin-Moreau, OMEGA-LAL  
L. Serin, LAL

For information :

[twapp@cern.ch](mailto:twapp@cern.ch)

<http://twapp09.lal.in2p3.fr/>

<http://indico.cern.ch/event/twapp09>

Organised by: Centre National de la Recherche Scientifique (CNRS), Institut National de Physique Nucléaire et de Physique des Particules (IN2P3), Laboratoire de l'Accélérateur Linéaire (LAL), Laboratoire de Physique Nucléaire et des Hautes Energies (LPNHE), Orsay MicroElectronics Groups Associated (OMEGA) and Université Pierre et Marie Curie (UPMC), with support from CERN, the European Organization for Nuclear Research and ACEOLE, a Marie Curie Action at CERN funded by the European Commission under the 7th Framework Programme.

