

## Local organization

P. Vázquez (IGFAE-USC, Local Chair)  
A. Gallas (IGFAE-USC, Local Co-Chair)  
J. Saborido (IGFAE-USC)

C. Santamarina (IGFAE-USC)  
E. Lemos (IGFAE-USC)  
A. Fernández (IGFAE-USC)

## Scientific organization

A. Marchioro (CERN, CH, Co-Chair)  
A. Kluge (CERN, CH, Co-Chair)  
J.P. Cachemiche (CPPM-IN2P3, FR)  
W. Dabrowski (AGH, PL)  
S. Danzeca (CERN, CH)  
G. Deptuch (FNAL, US)  
P. Farthouat (CERN, CH)  
M. French (RAL, UK)  
P. Gui (SMU, US)

M. Hansen (CERN, CH)  
C. G. Hu (IPHC, FR)  
G. Iles (Imperial College, UK)  
C. Joram (CERN, CH)  
A. Ricci (CERN, CH, Secretary)  
A. Rivetti (INFN, IT)  
J. Whitmore (FNAL, US)  
K. Wyllie (CERN, CH)

## For information

<https://indico.cern.ch/e/twepp2019>  
[twepp2019@igfae.usc.es](mailto:twepp2019@igfae.usc.es)

Organised by the Instituto Galego de Física de Altas Enerxías and Universidade de Santiago de Compostela with support from the European Organization for Nuclear Research (CERN).



# TWEPP-19

Topical Workshop on Electronics for Particle Physics  
Santiago de Compostela, Spain, 2 – 6 September 2019

## 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 Systems
- Testing and Reliability
- Power Management and Conversion
- Grounding and Shielding
- Design Tools and Methods

# Call for papers

## Conference Venue

Facultad de Química de la Universidad de Santiago de Compostela  
Avda. das Ciencias, s/n. (Campus Vida)  
15782 Santiago de Compostela - Spain

## The purpose of the workshop is

- Present original concepts and results of research and development for electronics relevant to particle physics experiments as well as accelerator and beam instrumentation at future facilities;
- Review the status of electronics for running experiments and accelerators;
- Identify and encourage common efforts for the development of electronics;
- Promote information exchange and collaboration in the relevant engineering and physics communities.

The **workshop programme** will include invited plenary talks and parallel sessions for contributed papers, complemented by poster presentations.

An optional tutorial will be organized on Monday morning.

## Abstracts and Summaries

**Authors** are invited to submit abstracts and summaries describing original developments and new contributions, including recent progress, in the workshop topic areas. Manufacturers are welcome to submit abstracts on new, state of the art, electronic products or systems in the field of electronic technology for particle physics.

**Abstracts** (max 100 words long) and summaries (max 500 words long) without figures must be submitted through the Integrated Digital Conference tool at:

<https://indico.cern.ch/e/twepp2019>

The summary will be the basis for paper selection. It should be complete and describe the work, its relevance to one or more of the workshop topics and important conclusions. A submission without comprehensive summary will not be considered.

**The deadline for submissions is 30 April 2019**

Abstracts will be made available at the time of the workshop: these will include all papers selected for either oral or poster presentation. Proceedings of the workshop will be peer reviewed, available on the Web and published in JINST.

## Information

Enquiries concerning the workshop scientific programme and submissions can be directed to:



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

Information and news on the workshop are available at:



<https://indico.cern.ch/e/twepp2019>