

International Workshop on Tracking Detectors in High Energy Physics



October 15 – 19, 2018
National Centre for Physics
Islamabad, Pakistan

Directors

Hafeez Hoorani (NCP, Pakistan)
Ashfaq Ahmad (NCP, Pakistan)

Advisory Committee

Frank Hartmann (KIT, Germany)
Dmitri Tsybychev (Stony Brook, USA)
Alan Honma (CERN, Switzerland)
Andrea Venturi (INFN, Italy)

Local Organizers

Abdul Hamid
Imran Malik Awan
Hassan Shahzad
Saleh Muhammad
Waqar Ahmad
Muhammad Shoaib
Naveed Imran

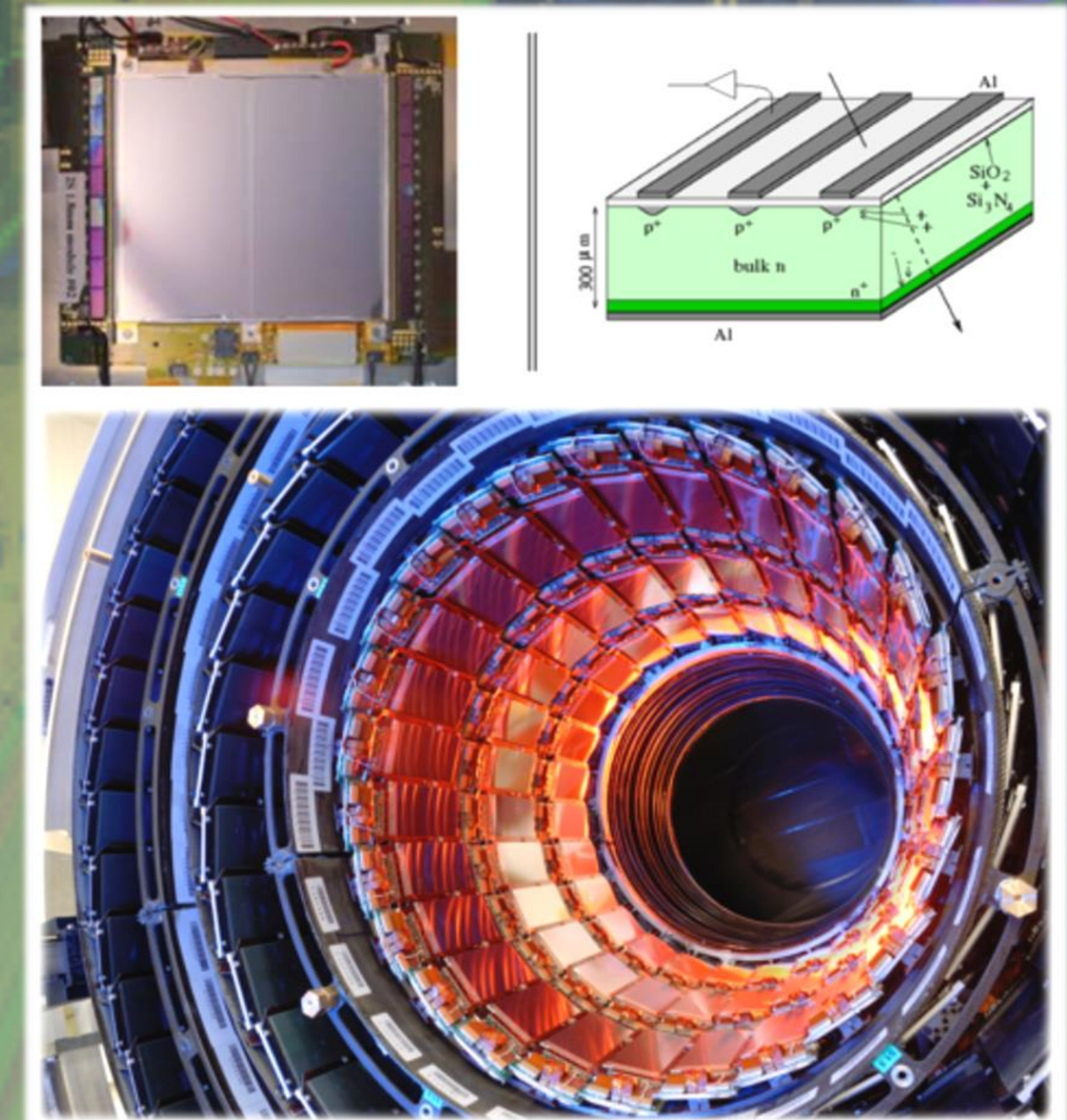
The Large Hadron Collider (LHC) at CERN, Switzerland, is the largest particle accelerator in the world. The particle detectors which are part of the LHC experiments play a key role to achieve the physics objectives. This workshop will cover the current R&D progress and performance of tracking detectors being used in high energy physics experiments.

Topics

- Semiconductor Detectors: Physics and Principle
- Tracker Detectors at LHC and their performance
- CMS Phase-2 Tracker Upgrade Project by 2023
- Silicon Strip and Pixel Detectors
- Gas Electron Multiplier Detectors
- Resistive Plate Chambers

Participation

Graduate/Undergraduate students, young researchers from universities and research organizations are encouraged to apply. For all participants, boarding lodging and partial travel support will be provided.



Registration Fee

For local participants: 1000 PKR
For foreign participants: 25 USD

Application Deadline

September 16, 2018

How to Apply

For online application, follow the link:
<http://www.ncp.edu.pk/iwt-2018.php>

Contact Information

Email: iwt-2018@ncp.edu.pk
Phone: +92-51-2077363, +92-51-2077325
Fax: +92-51-2077342