

IWTD-HEP 2020

October 19 – 21

National Centre for Physics

Islamabad - Pakistan



3rd International Workshop on Tracking Detectors in High Energy Physics (Webinar)

Directors

Hafeez Hoorani (NCP, Pakistan)

Ashfaq Ahmad (NCP, Pakistan)

Advisory Committee

Alan Honma (CERN, Switzerland)

Andrea Venturi (INFN, Italy)

Marko Dragicevic (HEPHY, Austria)

Ulrich Heintz (Brown, USA)

Organizers (NCP)

Abdul Hamid (CAAD)

Imran Awan (EHEPD)

Saleh Muhammad (EHEPD)

Naveed Imran (CAAD)

The Large Hadron Collider (LHC) at CERN, is the largest particle accelerator in the world to probe the fundamental questions about the nature. 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 and other applications.

Topics

Silicon Detectors: Physics and Principle

Tracking Detectors at LHC and their performance

CMS Phase-2 Tracker Upgrade Project by 2024

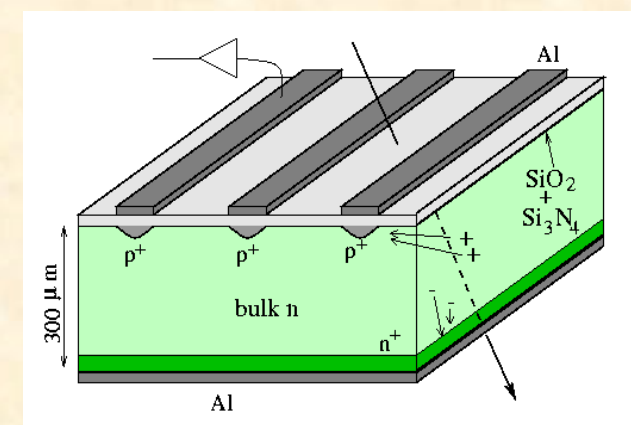
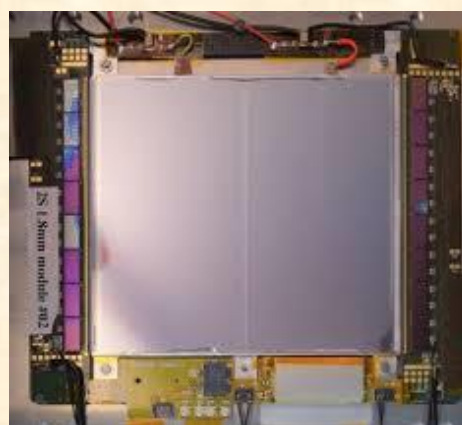
CMS Tracker Mechanics and Ladder Assembly

Silicon Strip and Pixel Detectors

Silicon Detector Assembly

Gas Electron Multiplier Detectors

Resistive Plate Chambers



Participation

Graduate/Undergraduate students, researchers from universities and R&D organizations are encouraged to apply. There is no registration fee.

Contact Information

Collaborations & Academic Activities

Department (CAAD)

Phone: +92 51 2077477 | +92 51 2077325

Fax: +92 51 2077342

Email: iwtd-2020@ncp.edu.pk

Apply online at following link:

<http://www.ncp.edu.pk/iwtd-2020.php>

Application Deadline

30 September, 2020