

Session Program

2-6 Feb 2026

TIPP 2026

Parallel Session-II

TIFR, Mumbai

Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai 400005,
India

Monday 2 February

14:00

Parallel Session-II: at AG66

Session |

Location: TIFR, Mumbai, Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai
Conference: MARTEL, Ismael

14:00-14:15	Operational experience and performance of the Silicon Vertex Detector after the first long shutdown of Belle II Speaker GABRIELLI, Alice
14:15-14:30	Design, Development and Performance of a Charge Injection System for the CMS HGCAL Front-End Electronics QC Speaker CHHIKARA, Jasmine
14:30-14:45	CMS Phase 2 Tracker Upgrade for HL-LHC Speaker MAL, Prolay
14:45-15:00	Radiation Tolerance Evaluation of P-Type Silicon Sensors with HGCROC for FoCal Detector in ALICE Speaker SIKDAR, Anup Kumar
15:00-15:15	Assembly procedure of silicon strip detector module with 1 μm alignment precision for the muon g-2/EDM experiment at J-PARC Speaker OGAWA, Shinji
15:15-15:30	Radiation Damage and Operation of the LHCb Upgrade I Vertex Locator Speaker ZHOVKOVSKA, Valeriia
15:30-15:45	The new NA60+/DiCE experiment at the CERN SPS with wafer-scale, stitched, monolithic active pixel sensors Speaker Dr SIDDHANTA, Sabyasachi
15:45-16:00	Phase 2 Upgrade of ATLAS Hadronic Tile Calorimeter Speaker SOLDANI, Mattia

16:00

16:30

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Co-Chair: MARTEL, Ismael

16:30-16:45

Pentadimensional Tracking Space Detector on a CubeSat demonstrator for 5D tracking in space**Speaker**

CAVAZZUTI, Elisabetta

16:45-17:00

Design and Performance Evaluation of the Silicon Strip Detector Cooling System for J-PARC Muon g-2/EDM Experiment**Speaker**

Mr SATO, Taiki

17:00-17:15

The CBM Micro-Vertex Detector: Toward Production Readiness with MIMOSIS MAPS**Speaker**

KUMAR, Ajit

17:15-17:30

The Beam Conditions Monitor at the LHCb experiment in Run 3**Speaker**

OSTHUES, Donata

17:30-17:45

Pixelated AC-LGAD sensors for the Electron-Ion Collider (EIC): read-out performances with EICROC0_v0 ASIC**Speaker**

Dr DE LA TAILLE, Christophe

17:45-18:00

Early Failure Detection in Low Voltage Power Supply Production**Speaker**

MOSOMANE, Chuene Johannes

18:00

Tuesday 3 February

14:00

Parallel Session-II: at AG69

Session |

Location: TIFR, Mumbai, Tata Institute of Fundamental Research, Homi Bhabha Road, Navy Nagar, Colaba, Mumbai
Co-ordinator: HOSH, Saranya Samik

14:00-14:15

Irradiation studies of CMS Cathode Strip Chambers and in situ CSC performance monitoring at CMS

Speaker

RAWAL, Neha

14:15-14:30

The CGEM-IT of the BESIII detector

Speaker

AMOROSO, Antonio

14:30-14:45

Requirements to the read-out electronics for future Straw Trackers and the straw performance measurements with muon, hadron and electron test beams.

Speaker

KUZNETSOVA, Katerina

14:45-15:00

External VMM3a Readout for the Straw Trackers

Speaker

BAUTIN, Vitalii

15:00-15:15

Wire-by-Wire Tracking Efficiency Plots: New Diagnostic for the Belle II Central Drift Chamber

Speaker

Dr MONDAL, Suryanarayan

15:15-15:30

THGEM with resistive plate anode: Signal shape and gain optimization

Speaker

MAITY, Arpan

15:30-15:45

The G-RWELL: A High-Performance Resistive MPGD for Next-Generation High-Energy Experiments

Speaker

GIOVANNETTI, Matteo

16:00

Thursday 5 February

14:00

Parallel Session-II: at AG66

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14:00-14:15

LHCb-VELO upgrade II and LumiTracker -- Mechanics, cooling and electronics

Speaker

PAGARE, Bhagyashree

14:15-14:30

Getting ready for the new ATLAS ITk pixel detector: Large scale detector system tests

Speaker

VORMWALD, Benedikt

14:30-14:45

CMS GEM Upgrade: Status and Prospects for the HL-LHC

Speaker

SAINI, Mahesh Kumar

14:45-15:00

The CMS MTD Barrel Timing Layer for the High Luminosity LHC

Speaker

ZHANG, Mingxuan

15:00-15:15

The Super Tau Charm Facility in China

Speaker

LIU, Jianbei

15:15-15:30

A hybrid muon detector for the Super Tau-Charm Facility experiment: concept, design optimization and particle identification

Speaker

LIU, Yulin

15:30-15:45

Development and Beam Test of the Electromagnetic Calorimeter Prototype for STCF

Speaker

WANG, Junhao

16:00

16:30

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16:30-16:45

Study of the AC-LGAD for CEPC

Speaker

Dr FAN, Yünyun

16:45-17:00

Design and performance of MAPS prototypes for the STCF inner tracker**Speaker**

QIN, Jiajun

17:00-17:15

Overview of the ALICE ITS3 Upgrade**Speaker**

BOUCHHAR, Naseem

17:15-17:30

Characterisation of Wafer-Scale Stitched MAPS Prototypes for the ALICE ITS3 Upgrade**Speaker**

WANG, Chunzheng

17:30-17:45

R&D and qualification system development for for ALICE ITS3 MOSAIX sesnsor ASIC**Speaker**

AGLIETTA, Luca

17:45-18:00

Development of 55nm HV-CMOS Pixel Sensors**Speaker**

Dr ZHOU, Yang

18:00