

Session Program

11-16 Oct 2026



The 2026 International Conference on Instrumentation for Colliding Beam Physics (INSTR 2026)

Poster Session

Tuesday 13 October

16:50

Poster Session

16:50-16:52 #1 Design and Prototype R&D of UP Modules and Staves

Speaker

Zhijie Wang

16:52-16:54 #2 The Progress of RICH PID detector on STCF

Speaker

Dr Wenqian Huang

16:54-16:56 #3 Particle Identification for a Highly Granular Calorimeter Prototype

Speaker

Jack Rolph

16:56-16:58 #4 A Cosmic-Ray-Based Time Alignment Method for the CEE iTOF-MRPC

Speaker

Yingjie Zhou

16:58-17:00 #5 The results on single anode and square multianode MCP PMT produced in Russia

Speaker

Vadim Rusetsky

17:00-17:02 #6 The Progress of AGORA-Drift Chamber's super long wiring

Speaker

Jing DONG

17:02-17:04 #7 Development, mass production, and commissioning of the Zero Degree Calorimeter for the CSR External-target Experiment at HIRFL

Speaker

Liangtao Wen

17:04-17:06 #8 Performance Study of BSO Crystal Bars for High-Granularity Electromagnetic Calorimeters

Speaker

Yushan Liu

17:06-17:08 #9 Development and Characterization of a Large-Volume CryoCsI Detector

Speaker

Yunlinchen Yu

17:08-17:10

#10 Shower Shapes and Data-Driven Simulation Studies using a Highly Granular Crystal ECAL**Speaker**

Jack Rolph

17:10-17:12

#11 Uniformity Optimization Study of Scintillating Glass Tiles for an Imaging Hadron Calorimeter**Speaker**

Yushan Liu

17:12-17:14

#12 An RDMA-Based Data Transmission Framework with Credit Flow Control and Adaptive Windowing**Speaker**

Zhen Wang

17:14-17:16

#13 An ERNIC-Based High-Speed Data Transmission System on FPGA**Speaker**

Ronghuang Hu

17:16-17:18

#14 Design and Characterization of FPGA-based front end electronics for AC-LGAD detectors**Speaker**

Kun Hu

17:18-17:20

#15 External ADC Solution for VMM3a Integration in SPD-NICA Stage-I Straw Tracker**Speaker**

Vitalii Bautin

17:20-17:22

#16 Development of the Digital Signal Processor prototype chip for HIRIBL-TPC**Speaker**

Weijian Lu

17:22-17:24

#17 A Front-End ASIC Prototype for High-Intensity Beam Position Detectors**Speaker**

Ming Yang

17:24-17:26

#18 Readout system for a position-sensitive MCP PMT based on the DMXG64 ASIC**Speaker**

Aleksandr Ruban

17:26-17:28

#19 Development of a High-Count-Rate Constant Fraction Discriminator for the ToF Detector in the HIRIBL Beam Line

Speaker

Yiting An

17:28-17:30

#20 Readout Electronics for Muon Detector of Super τ -Charm Facility**Speaker**

Jingru Tang

17:30-17:32

#21 Design and Characterization of a 64-Channel ASIC Readout Board for the HIAF-HIRIBL CsI(Tl)-APD Gamma-Ray Array**Speaker**

Wei Zhang

17:32-17:34

#22 A 16-Channel Front-End Readout ASIC for Silicon Strip Detectors in Heavy-Ion Experiments**Speaker**

Gang Chen

17:34-17:36

#23 A Low-Noise Readout Electronics System Based on a Self-Developed SiReadout-S ASIC for Silicon Strip Detectors**Speaker**

Bianbian Cui

17:36-17:38

#24 Multi-channel synchronized energy-time readout electronics for large-scale scintillator detector arrays**Speaker**

Yawen Lv

17:38-17:40

#25 Development of an 8-Channel Wide Dynamic Range Adaptive-Gain Front-End ASIC for Silicon Detectors**Speaker**

Xiaofeng Fu

17:40-17:42

#26 RAM-based trapezoidal pulse shaper for real-time multi-channel nuclear spectroscopy**Speaker**

Ziyang Wei

17:42-17:44

#27 System-level performance validation of the front-end electronics for the HERD transition radiation detector**Speaker**

Chengcheng Liu

17:44-17:46

#28 Development of a Start-Time Detector with Beam Diagnostics for the CEE Experiment

Speaker
Shuaike Lv

17:46-17:48

#29 Design and Simulation of a Novel Bowl-shaped 3D sensor for proton therapy

Speaker
Manwen Liu

17:48-17:50

#30 Design, Fabrication, and Electrical Characterization of a Novel 3D Trench Silicon Detector with Semi-Circular Electrode Terminations

Speaker
Manwen Liu

17:50-17:52

#31 Design of a 3D polygonal trench pixel detector with potential saddle points

Speaker
Peng Xu

17:52-17:54

#32 Recent Progress of the PandaX-III Experiment

Speaker
Yuanchun Liu

17:54-17:56

#33 High and super high energy gamma-ray astronomy and TAIGA-100 project

Speaker
Yuri Tikhonov

17:56-17:58

#34 A neutron detector based on nMCP

Speaker
Shaopeng Tian

17:58-18:00

#35 Precision γN and $\bar{n}N$ Measurements with an LH_2/LD_2 Target in the BESIII Detector

Speaker
Xu Gao

18:00-18:02

#36 The potential of repurposing particle detectors

Speaker
Anastasios Tassos Belias

18:20