Session Program

Feb 17 – 21, 2025

VCI2025 - The 17th Vienna Conference on Instrumentation

Coffee & Posters A

Vienna University of Technology
Gusshausstraße 27-29, 1040 Wien

Tue, February 18

3:40 PM

Coffee & Posters A

Poster Session | **Location:** Vienna University of Technology, Gusshausstraße 27-29, 1040 Wien

Irradiation study of ATLAS ITk strip sensors, ATLAS18, with 80MeV protons

Speaker
Yingjun Huang

Development of a Real-time In-Beam Monitor with Plastic Scintillation Fibers for Particle Therapy

Speaker
Shunsuke Kurosawa

Enhancing Scintillation Efficiency of Scintillator Nanocomposites

Speaker
Vojtech Zabloudil

Readout Electronics for MUSIC Detectors in HFRS at HIAF

Speakers
Haibo Yang, Mr Hao Quan, Jieyu Zhu

Hybrid production status of the CMS Outer Tracker for the Phase-2 Upgrade

Speaker
Martin Lipinski

ALICE Fast Interaction Trigger Upgrade

Speaker
Mr Krystian Roslon

Research on neutron radiation-induced damage of diamond detector

Speaker
Prof. Ming Qi

Upgrade of the CMS Muon system with triple-GEM detectors: performance of the GE1/1 station and detector design and testing of the ME0 station

Speaker
Marco Buonsante

New high-Z organic scintillators for total-body SPECT and theranostic dosimetry

Speaker
Mattia Bonuso

High Granularity Readout Time Projection Chamber R&D for Future Circular e+e- Collider

Speaker
Huirong Qi

FASER tracker performance

Speaker
Yue Xu

Design of the readout electronics for the engineering model of the HERD-TRD

Speakers
Jieyu Zhu, Haibo Yang

Charge reconstruction from binary hit data on irradiated MALTA2 Czochralski sensors

Speaker
Lucian Fasselt

BULLKID-DM: searching for light WIMP with monolithic arrays of detectors

Speaker
Daniele Delicato

Next-Generation multi-element monolithic germanium detectors for spectroscopy

Speaker
nishu goyal

INITIAL TESTING OF AN ION-ACOUSTIC DOSE-DEPOSITION MAPPING SYSTEM FOR LhARA

Speaker
Maria Maxouti

Expected performance of the ALPIDE pixel layers in ALICE FoCal

Speaker
Jie Yi

The ATLAS RPC Phase II upgrade for High Luminosity LHC era

Speaker
Gregorio Falsetti

Deployment of LAPPDs in ANNIE

Speaker
Rory Edwards

Compensated LGADs optimisation through van der Pauw test structures

Speaker
Alessandro Fondacci

High-precision alpha spectroscopy using solid-state detectors

Speaker
Divya Divya

HRPPD photosensors for RICH detectors with a high resolution timing capability

Speaker
Dr Alexey Lyashenko

Characterization and testbeam measurements of CMS Phase-2 online luminometers

Speaker
Armin Kadlecsik

Optical readout Micromegas for monitoring medical pencil scanning proton beams and radiotherapy gamma ray

Speaker
Cong Liu Liu

Exploring the High-Energy Universe with Novel Photodetectors

Speaker
Jazmin Stewart

Four-Stage Diamond Spectrometer for Low-Energy Proton Identification

Speaker
Julian Melbinger

A 28 nm CMOS front-end circuit with in-pixel flash ADC for high-rate hybrid detectors

Speaker
Luigi GAIONI

ASTRA-64 : Tests and Characterization of a Silicon Micro-Strip Detectors Read-Out ASIC

Speaker
Gianluigi Silvestre

Simulating Monolithic Silicon Sensors in a 65 nm CMOS Imaging Technology

Speaker
Larissa Mendes

A hadronic calorimeter based on resistive micropattern gaseous detectors

Speaker
Lisa Generoso

The fast X-ray detector system of the FAMU experiment at RAL

Speaker
Maurizio Bonesini

GEM detectors for AMBER - From triggered to free streaming readout

Speaker
Jan Bjorn Paschek

Gain suppression induced in LGAD detectors by tightly focused ultrashort laser pulses

Speaker
Ms Danijela Mrkic

Deployment of Water-based Liquid Scintillator in ANNIE

Speaker
Amala Augusthy

Development of an active converter pair spectrometer for the future search for $ \mu^+\to e^+\gamma$

Speaker
Rei SAKAKIBARA

Development of a Prototype Detector System for AI-assisted Online Dose Monitoring in VHEE Radiation Therapy

Speaker
Francesco Urso

The ePIC Silicon Vertex Tracker IB-OB: design and first thermal-mechanical tests.

Speaker
Sabrina Ciarlantini

Monolithic Active Pixel Sensor with multidimensional measurement for future experiments at HIAF

Speaker
Huang Ju

large area thermal-bonding Micromegas used in high pressure gaseous TPC of PandaX-III experiment

Speaker
Yunzhi Peng

A Transition Edge Sensor for ALPS II - Background Characterization and Detector Optimization

Speaker
Dr Jose Alejandro Rubiera Gimeno

A High-Precision Clock Synchronization ASIC for Large-Scale Physics Experiments

Speaker
Jiajun Qin

Design and performance of a direct charge-collecting pixel sensor for gaseous beam monitors

Speaker
Dr Xiaoyang Niu

Searching for sub-GeV particle dark matter with Spherical Proportional Counters

Speaker
Konstantinos Nikolopoulos

The micro-Resistive WELL technology for IDEA apparatus

Speaker
Emma Di Fiore

The PANDA Barrel DIRC: From Design to Assembly

Speaker
Georg Schepers

Production and characterization of the Mu3e Tile detector sensor matrices

Speaker
Dr Elizaveta Nazarova

Exploiting Pulse Shape Discrimination for Dual-Readout Calorimetry based on Inorganic Scintillating Crystals

Speaker
Julie Genevieve Delenne

4:30 PM

Thu, February 20

10:40 AM
11:30 AM

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