

## **Session Program**

**14-18 Oct 2024**



# **The 8th International Conference on Micro Pattern Gaseous Detectors (MPGD2024)**

## ***Poster Session***

Hefei

# Tuesday 15 October

16:45

## Poster Session

Session | Location: Hefei

16:45-16:49

### 1. A Flexible Electronics System for the Readout of CSNS Multi-purpose TPC

**Speaker**

Changqing Feng

**Location**

Hefei

16:49-16:53

### 2. Improvement of sensitivity for MeV Gamma ray Telescope using Time Projection Chamber technology

**Speaker**

Rui Zhou

**Location**

Hefei

16:53-16:57

### 3. Design and optimisation challenges while codesigning a new front-end ASIC together with a resistive Micromegas detector for AMBER experiment

**Speaker**

Maxim Alexeev

**Location**

Hefei

16:57-17:01

### 4. TPC Track Denoising with Machine Learning Techniques

**Speaker**

Hugo Natal da Luz

**Location**

Hefei

17:01-17:05

### 5. Future missions of the former LHCb Outer Tracker gaseous detector at GSI/FAIR

**Speaker**

Anastasios Belias

**Location**

Hefei

17:05-17:09

### 6. Study on the bias analysis and correction in MPGD $\mu$ TPC mode

**Speaker**

Zhujun Fang

**Location**

17:09-17:13

**7. Development of a Portable Low Background  $\alpha$  and  $\beta$  Detection Module based on Micromegas and Waveform Digitizing Electronics****Speaker**

Songsong Tang

**Location**

Hefei

17:13-17:17

**8. Mass production and performance of large area thermal bonding Micromegas\DMM detectors****Speaker**

sicheng Wen

**Location**

Hefei

17:17-17:21

**9. Performance study of 400mmx400mm and 600mmx600mm micromegas track detectors using cosmic rays****Speaker**

Yulin Liu

**Location**

Hefei

17:21-17:25

**10. Study of MPGD based photo detectors for the RICH system in STCF****Speaker**

Anqi Wang

**Location**

Hefei

17:25-17:29

**11. An SU-8 Delayed Development Processing Technology for MPGD****Speakers**

Liu We, Siqi He, Yi Zhou, Yu Wei

**Location**

Hefei

17:29-17:33

**12. Research on rapid imaging with cosmic ray muon scattering tomography****Speaker**

Qungang Wen

**Location**

Hefei

17:33-17:37

**13. Design of Highly Integrated Muon Imaging Readout Electronics for Micromegas Detector****Speaker**

Ting Wang

**Location**

Hefei

17:37-17:41

**14. A high rate and high timing photoelectric detector prototype with RPC structure****Speaker**

Yiding Zhao

**Location**

Hefei

17:41-17:45

**15. Research on the calibration method of the avalanche gap of MTPC anode plate****Speaker**

Tianzhi Chu

**Location**

Hefei

17:45-17:49

**16. An improve of performance in MTPC with waveform deconvolution technique****Speaker**

Hongkun Chen

**Location**

Hefei

17:49-17:53

**17. FOML , a deep learning based fast online multi-track locating algorithm for MPGD with silicon pixel sensors****Speaker**

Jiangyong Du

**Location**

Hefei

17:53-17:57

**18. Multi-dimensional measurement ASIC for Micro-Pattern Gas Detectors****Speaker**

Xuexin Zhu

**Location**

Hefei

17:57-18:01

**19. Impact of a strong electric field below the GEM on light yield and saturation in a He:CF<sub>4</sub> based Time Projection Chamber****Speaker**

Giorgio Dho

**Location**

Hefei

18:01-18:05

**20. Studies of an event-building algorithm of the readout system for HFRS-TPC****Speaker**

Jing Tian

**Location**

Hefei

18:05-18:09

**21. Calibration for the SAMPA ASIC in HERD transition radiation detector front-end electronics****Speaker**

Jieyu Zhu

**Location**

Hefei

18:09-18:13

**22. Prototype design of the high-precision clock generation and distribution for multiple detectors cooperative work at HIAF-HFRS****Speaker**

Jieyu Zhu

**Location**

Hefei

18:13-18:17

**23. Study of Charge Dynamics in THGEM-based Detectors - A Numerical Approach****Speaker**

Purba Bhattacharya

**Location**

Hefei

18:17-18:21

**24. New Structure UV-C Detector Using Photocathode Vapour****Speaker**

Yalçın Kalkan

**Location**

Hefei

18:30