

Session Program

31 August 2026 to 4 September 2026



The 9th International Conference on
Micropattern Gaseous Detectors



Institute of Experimental and Applied Physics
Czech Technical University in Prague



MPGD 2026

Flash talks

Masarykova Kolej Congress Centre, Czech Technical University in Prague
Thákurova 550/1, 160 41 Prague 6

Monday 31 August

16:00

Flash talks

Session

16:00-16:03

Response and Performance Optimization of Triple-GEM Detectors for Different Hadrons and Leptons

Speaker

Mr Poojan Angiras

16:03-16:06

Improving Gain and Mitigating Ion Backflow in Triple and Cascaded GEM Detectors via Structural Optimization

Speaker

Mohammad Mondal

16:06-16:09

Saturation effect in CYGNO GEM-based detectors and correction at high gain

Speaker

Davide Fiorina

16:09-16:12

Systematic study of gas stability for environment robust gem based detectors

Speaker

Mr Daniel Neves Fachieri

16:12-16:15

Surface mechanisms governing long-term stability of GEM detectors in CO₂-based gaseous mixtures

Speaker

Willian Da Silva

16:15-16:18

Discharge Damage Studies on GEM

Speaker

Seulgi Kim

16:18-16:21

Aging Study of the CMS ME0 Triple-GEM Detector for the HL-LHC Upgrade

Speaker

Mr WooJong Kim

16:21-16:24

Study of discharges in CMS GEM Detectors

Speaker

Simone Calzaferri

16:24-16:27

Automating GEM Quality Control for CMS

Speaker

Abdullah Alsabban

16:30

Tuesday 1 September

10:40

Flash talks

Session

10:40-10:43

Latest progress on the PandaX-III experiment

Speaker

Yuanchun Liu

10:43-10:46

Precision Tracking with Capacitive Charge Sharing in Resistive Micromegas for FCC-ee

Speaker

Kacper Chmiel

10:46-10:49

Latest Results and Applications of the GEMPix4

Speaker

Lucian Scharenberg

10:49-10:52

Embedding of a Timepix4 ASIC into a Micro-Pattern Gaseous Detector

Speaker

Ms Eliška Jelínková

10:52-10:55

LASER characterization of T2K High Angle TPCs

Speaker

Matteo Feltre

10:55-10:58

Development challenges of a new large area Micromegas detector for AMBER experiment and optimisation of their ToRA based readout

Speaker

Lorenzo Maria Marcellino

10:58-11:01

Planar GEM-based Tracking Detectors for AMBER

Speaker

Jan Bjorn Paschek

11:01-11:04

Characterisation of Timepix ASIC--Based GridPix Detector and Development of a Geant4--Based Response Model

Speaker

Konstantinos Spyrou

11:10

Wednesday 2 September

16:00

Flash talks

Session

16:00-16:03

Fabrication and Preliminary Characterization of Laser-Ablated GEM Foils for Rapid Prototyping Applications

Speaker

Daniel Estevao

16:03-16:06

GEM production and quality assurance at the FTD

Speaker

Tim Schuttler

16:06-16:09

Suitability of THGEMs Fabricated in India for Muography Applications: Efficiency and Position Resolution

Speaker

Mr Shubhabrata Dutta

16:09-16:12

Nuclide Identification/classification Using 1D CNNs on Augmented Log Z Score Spectral Fingerprints from GEM Detectors: A Generalized Deep Learning Framework

Speaker

Muhammad Usman Uraf Ishafaq

16:12-16:15

Performance Evaluation and Simulation of MWPCs for the ALICE 3 Muon Identification System

Speaker

Daniel Szaraz

16:15-16:18

Thermal and epithermal boron-coated neutron monitor based on μ RWELLS

Speaker

Giorgio Canezin

16:18-16:21

Development and performance of the IAXO-D1 Micromegas prototypes for the IAXO Experiment

Speaker

Jorge Porrón Lafuente

16:21-16:24

Thin Floating Strip Micromegas for clinical Proton CT: Detector Design, Signal Formation and Discharge Protection

16:30

Speaker
Max Meurer

Thursday 3 September

15:40

Flash talks

Session

15:40-15:43

The effect of hole geometry on the ion-backflow of a single gas electron multiplier foil

Speaker

Hussam Badran

15:43-15:46

Influence of hole-shape in the performance of wavelength-shifting MPGDs

Speaker

Pedro Alberto Oliveira Costa E Silva

15:46-15:49

Gaseous wavelength shifting in CF₄-systems from microscopics

Speaker

Daniel Vázquez Lago

15:49-15:52

Development of an Optical Readout Micromegas with resistive glass

Speaker

Cong Liu

15:52-15:55

Development of large-area μ RGroove detectors

Speaker

Dr Lunlin Shang

15:55-15:58

Readout firmware for resistive wire tubes for neutron scattering applications with the CAEN R5560 ADC

Speaker

Dr Davide Raspino

15:58-16:01

Optimisation of Femtosecond Laser Processing Routes for Glass-Based Micro-Pattern Gaseous Detectors

Speaker

Asta Tamulevičienė

16:10