

## Session Program

22-26 May 2017



**5th International Conference on  
Micro-Pattern Gas Detectors (MPGD2017) and RD51 Collaboration Meeting**  
Temple University, Philadelphia, USA  
May 22-26, 2017



Meeting Home Page: <https://phys.cst.temple.edu/mpgd2017/>

May 22 - 25, 2017: MPGD2017 Conference – May 26, 2017: RD51 Collaboration Meeting

# 5th International Conference on Micro-Pattern Gas Detectors (MPGD2017)

## *Coffee Break and Poster Session - 2*

Temple University - Philadelphia, Morgan Hall D301  
Morgan Hall, 1398 Cecil B. Moore Ave., Philadelphia, PA 19122, USA

## Wednesday 24 May

14:50

### Coffee Break and Poster Session - 2

**Session** |

**Location:** Temple University - Philadelphia, Morgan Hall D301, Morgan Hall, 1398 Cecil B. Moore Ave., Philadelphia, PA 19122, USA

14:50-14:54 **sPHENIX TPC simulation studies**

**Speaker**

Sourav Tarafdar

14:54-14:58

**RHIP, a Radio-Controlled High-Voltage Insulated Picoammeter and its usage in studying ion backflow in MPGD-based photon detectors**

**Speaker**

Silvia Dalla Torre

14:58-15:02

**Results of the longevity study with the triple-GEM technology for the upgrade of the CMS muon end-caps**

**Speaker**

Jeremie Alexandre Merlin

15:02-15:06

**New results on COMPASS pixellized hybrid gaseous detectors for high muon and hadron flux**

**Speaker**

Damien Neyret

15:06-15:10

**A wide energy range neutron spectrometer for fusion experiments or safety diagnostics applications**

**Speaker**

Philippe Legou

15:10-15:14 **A GEM-TPC for the CBELSA/TAPS experiment**

**Speaker**

Jonathan Ottnad

15:14-15:18 **THE GEM QA PROTOCOL OF THE ALICE TPC UPGRADE PROJECT**

**Speaker**

Jens Erik Brucken

15:18-15:22

**R&D and related Simulation Studies for the sPHENIX Time Projection Chamber**

**Speaker**

Prakhar Garg

15:22-15:26 **sPHENIX Compact TPC for Tracking and Particle Identification**

**Speaker**  
Carlos Eugenio Perez Lara

15:26–15:30 **Mechanical Construction of the field cage of sPHENIX TPC**

**Speaker**  
Niveditha Ram

15:30–15:34

**Improvement of GEM gain uniformity: production and verification techniques**

**Speaker**  
Megu Kubota

15:34–15:38 **Performance of GEM Detectors in the DarkLight Experiment at LERF**

**Speaker**  
Jesmin Nazeer

15:38–15:42

**On-line and real-time thickness and density measurement for quality control of thin films using GEMs**

**Speaker**  
Rafael M Gutierrez

15:50