

WG2:

Gases and Materials

Conveeners: A. Pastore, B. Mandelli, F. Renga, G. Morello, S. Roth

Agenda

	Welcome	<i>Alessandra Pastore et al.</i>
	<i>40/S2-D01 - Salle Dirac, CERN</i>	14:20 - 14:30
	Investigations of the Penning electron transfer	<i>Nick Thamm</i> 
	<i>40/S2-D01 - Salle Dirac, CERN</i>	14:30 - 14:55
15:00	Micro recirculation systems for laboratory applications and the use of Grafana as monitoring system	<i>Pieter Vanslambrouck</i>
	Photocathode developments for robust PICOSEC Micromegas precise-timing detectors	<i>Marta Lisowska</i>
	<i>40/S2-D01 - Salle Dirac, CERN</i>	15:20 - 15:45
16:00	Coffee break	
	<i>40/S2-D01 - Salle Dirac, CERN</i>	15:45 - 16:05
	Measurements of F- in irradiated straw tubes	<i>Mattia Verzeroli</i>
	<i>40/S2-D01 - Salle Dirac, CERN</i>	16:05 - 16:30
	Ageing studies for CSC detectors and ageing methodology	<i>Katerina Kuznetsova</i>
	<i>40/S2-D01 - Salle Dirac, CERN</i>	16:30 - 16:55
17:00	Status Report of the Setup for Ageing and Degradation Studies of MPGDs at São Paulo University	<i>Thiago Saramela</i>
	<i>40/S2-D01 - Salle Dirac, CERN</i>	16:55 - 17:20

Grafana training workshop

- A training workshop on Grafana will be held around March 2024

The training will be focused on how to set up a data ingestion and visualization infrastructure by using common SQL and time-series databases and leveraging grafana as a visualization platform. The training will show how to structure sensors data in a database, how to design dashboards and how to make use of grafana's alerting system. In addition, a simple data acquisition and control system using a Raspberry Pi, Node-RED, InfluxDB and grafana will be shown