

Session Program

6-10 Nov 2023

3rd International Conference on Detector Stability and Aging Phenomena in Gaseous Detectors

Ageing phenomena

CERN, 500/1-001 - Main Auditorium

Monday 6 November

16:00

Ageing phenomena: Ageing phenomena 1

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Florian Maximilian Brunbauer

16:00-16:25

Aging suppression timing Multi-Strip Multi-Gap Resistive Plate Counter for high counting rate experiments

Speaker

Mariana Petris

16:25-16:50

Irradiation effects on GEM detectors operated at RUN1 and RUN2 at the LHCb experiment

Speaker

Marco Poli Lener

16:50-17:15

Radiation Tolerance of the LHCb Outer Tracker: in the Lab and in the Forward Region at the LHC

Speaker

Niels Tuning

17:15-17:40

Material analysis of the MWPC electrodes irradiated in longevity tests

Speaker

Aleksandra Radulovic

17:40

Tuesday 7 November

09:25

Ageing phenomena: Ageing phenomena 2

Session | **Location:** CERN, 40/S2-C01 - Salle Curie | **Convener:** Atsuhiko Ochi

09:25-09:50

Aging phenomena in the BESIII drift chamber

Speaker

Mingyi Dong

09:50-10:15

HV stability and aging phenomena observed in the drift chamber system of the MEG experiment

Speaker

Dr Malte Hildebrandt

10:15-10:40

Detector aging effects at the FRIB's Advanced Rare Isotope Separator diagnostics detectors

Speaker

Salvatore Di Carlo

10:40

16:00

Ageing phenomena: Ageing phenomena 3

Session | **Location:** CERN, 500/1-001 - Main Auditorium | **Convener:** Dr Anatoli Romaniouk

16:00-16:25

Aging phenomena of Multi-gap Resistive Plate Chambers in high rate environment

Speaker

Ingo-Martin Deppner

16:25-16:50

Outgassing studies for the CMS GEM detectors

Speaker

Dr Jeremie Alexandre Merlin

16:50-17:15

Comparative aging studies of GEM chambers in contaminated environment

Speaker

Dr Jeremie Alexandre Merlin

17:15

Wednesday 8 November

16:00

Ageing phenomena: Ageing phenomena 4

Session | Location: CERN, 500/1-001 - Main Auditorium | Convener: Piotr Gasik

16:00-16:25

Radiation Hardness Studies of RPC Based on Diamond-Like Carbon Electrodes for MEG II Experiment

Speaker

Masato Takahashi

16:25-16:50

Evidence for polyimide redeposition and possible correlation with sparks in gas electron multipliers working in CF₄ mixtures

Speaker

Thiago Saramela

16:50-17:15

Recovery of HADES drift chambers suffering from Malter-like effects

Speaker

Christian Wendisch

17:40