

Session Program

25-28 Sept 2017

RD51 Collaboration Meeting

WG2

CERN, 6/2-024 - BE Auditorium Meyrin

Wednesday 27 September

09:00

WG2

Session | Location: CERN, 40/S2-A01 - Salle Anderson | **Conveners:** Mr Florian Maximilian Brunbauer, Maximilien Chefdeville

09:00-09:20 **Discharges in GEMs**

Speaker

Piotr Gasik

09:20-09:40 **Effect of discharges on GEM detectors - preliminary test and plan**

Speakers

Dr Jeremie Alexandre Merlin, Patrik Thuiner

09:40-10:00

Negative-ion TPC development for direction-sensitive dark matter search

Speaker

Kentaro Miuchi

10:00-10:20

Micro-Pattern Gas Detectors (MPGD) and creation of the setup to check the quantum chromodynamics precise predictions

Speaker

Leonid Nemenov

10:20-10:50 **Coffee break**

10:50-11:10

Signal processing and statistical analysis techniques for the PICOSEC-MICROMEGAS

Speakers

Dr Ioannis Manthos, Spyros Tzamarias

11:10-11:30 **New environmental friendly gas mixtures for RPCs**

Speaker

Beatrice Mandelli

11:30-11:50

Comparison between a THGEM made of ARLON and a traditional THGEM made of FR4

Speaker

Ms Jinky Agarwala

12:30