

**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 developement 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