

Session Program

5-9 Oct 2020



RD51 collaboration meeting and topical workshop on New Horizons in Time Projection Chambers

RD51CM - Working Group 1

virtual vidyo room

Tuesday 6 October

09:00

RD51CM - Working Group 1

Session | **Location:** virtual vidyo room | **Conveners:** Filippo Resnati, Paul Colas

09:00–09:25

Ion backflow suppression by the passive bi-polar grid

Speaker

Evgeny Shulga

09:25–09:50

First results of the μ RWELL prototypes made by new techniques — PEDF, PEDP, DEF, DEP

Speakers

Yi Zhou, You Lyu

09:50–10:15

Development of RWELL detectors for large area & high rate application

Speaker

Guofeng Song

10:15–10:40

A spectrometer composed of GEM-based TPCs for the measurement of the X17 boson.

Speaker

Hugo Natal da Luz

10:40–11:05

Optimized GEMs with micro-additive fabrication technique

Speaker

Tiago Fiorini Da Silva

11:05

11:20

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11:20–11:45

A new imaging technology based on Compton X-ray scattering

Speakers

Angela Saa Hernandez, Angela Saa Hernandez

11:45–12:10

GEM-based detector for neutrons: a first prototype

Speakers

Lucas de Arruda Serra Filho, Lucas de Arruda Serra Filho

12:10–12:35

Status of the GE11 Project

Speaker

Brendan Regnery

12:35–13:00

CEPC TPC status and requirements from IHEP

Speakers

Huirong Qi, Dr Huirong Qi, Huirong Qi

13:00