

Session Program

5-9 Oct 2020



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

RD51CM - Working Group 4

virtual vidyo room

Monday 5 October

10:00

RD51CM - Working Group 4

Session | **Location:** virtual vidyo room | **Conveners:** Piet Verwilligen, Ozkan Sahin, Rob Veenhof

10:00–10:05 **Welcome to the RD-51 Collaboration Meeting**

Speakers

Leszek Ropelewski, Silvia Dalla Torre

10:05–10:25 **Limits of spatial resolution of GEM-based detectors**

Speaker

Timofei Maltsev

10:25–10:40 **Electron and Ion Transport in Triple GEM detectors - an update**

Speaker

Aritra Bal

10:40–10:50 **Signals in Resistive MPGDs: an introduction**

Speaker

Djunes Janssens

10:50

11:10

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11:10–11:30 **Optimization of gaseous detectors for low energy XRF**

Speaker

Mr Geovane Grossi Araujo De Souza

11:30–11:50 **Simulation of micro-structures for GEM optimization**

Speaker

Thiago Badaró Saramela

11:50–12:10 **Simulation of Space-charge in MPGDs with Elmer**

Speaker

Antonello Pellecchia

12:10–12:30 **a Monte-Carlo simulation tool for gas scattering processes**

Speakers

Dan Andrei Ciubotaru, Michele Renda

12:30–12:50

Numerical study on the gain variation due to the gas-gap non-uniformity in large scale Micromegas production.

Speakers

Deb Sankar Bhattacharya, Thorben Swirski

13:00