

Session Program

24-29 May 2020

TIPP 2020

Sensors: Gaseous Detectors

Monday 25 May

16:00

Sensors: Gaseous Detectors: Block 1

Session | **Location:** Whistler Conference Centre 4010 Whistler Way, Whistler, BC V8E 1J2 CANADA

16:00–16:18 **Studies of Gain Elements and Gases for a High Rate TPC**

Speaker

Dr Richard Majka

16:18–16:36

NoAmpTPC, a direct read-out of primary ionization electrons for high pressure gaseous TPC

Speaker

Damien Neyret

16:36–16:54

Novel triple-GEM design for CMS-ME0 detector and preliminary performances

Speaker

Davide Fiorina

16:54–17:12

An experimental study to understand the physics behind charging-up of Gas Electron Multiplier (GEM).

Speaker

Mr Vishal Kumar

17:12–17:30

A novel technique for the measurement of the avalanche fluctuation of a GEM stack using a gating foil

Speaker

Mr Keita Yumino

17:30

Wednesday 27 May

09:00

Sensors: Gaseous Detectors: Block 2

Session | **Location:** Whistler Conference Centre 4010 Whistler Way, Whistler, BC V8E 1J2 CANADA

09:00–09:18 **New R&Ds and applications of THGEM**

09:18–09:36

High-performance 1D- and 2D-readout planes with optimized charge sharing properties for Micro-Pattern Gas Detectors

Speaker

Alexander Kiselev

09:36–09:54 **Measurement of gas properties in a Spherical Proportional Counter**

09:54–10:12

RPC performance with new environmentally friendly gas mixtures in presence of LHC-like radiation background

Speaker

Beatrice Mandelli

10:12–10:30 **A new readout scheme to read RPC**

10:30