



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

## Thursday 8 October 2020

### TPC workshop - Operation and Performance (14:00 - 15:30)

-Conveners: Paul Colas; Diego Gonzalez Diaz

time	[id] title	presenter
14:00	[24] Physics of discharges in gaseous media, from the point of view of MPGD detectors	GASIK, Piotr
14:30	[26] Techniques for TPC calibration: application to liquid and dual-phase Ar-TPCs	MANEIRA, Jose
15:00	[27] dE/dx measurement	RADICIONI, Emilio

### TPC workshop - Operation and Performance (15:50 - 17:50)

-Conveners: Paul Colas; Diego Gonzalez Diaz

time	[id] title	presenter
15:50	[30] Calibration of space-charge effects and distortions of the electric field in the ALICE TPC	HELLBAR, Ernst
16:20	[28] Track reconstruction and performance in high density environment	IVANOV, Marian
16:50	[29] Multiplexing and track reconstruction in a TPC	VANDENBROUCKE, Maxence
17:20	[31] The spherical proportional gaseous detector and comparisons	Dr GIOMATARIS, Ioanis