



# RD51 Workshop on Gaseous Detector Contributions to PID

## Tuesday 16 February 2021

### Gaseous Detector contribution to PID (13:50 - 18:20)

-Conveners: Emilio Radicioni; Silvia Dalla Torre

time	[id] title	presenter
14:00	[16] Opening of the Workshop	DALLA TORRE, Silvia
14:05	[1] Jacques Seguinot, a great detector physicist	Dr GIOMATARIS, I.
14:45	[2] Single photon detection with gaseous detectors	Dr LEVORATO, Stefano
15:25	[3] TOF options with RPCs	PREGHENELLA, Roberto
16:05	Coffee Break	
16:15	[4] TOF measurements	GALLINARO, Michele
16:55	[5] MPGD-based photon detectors for the upgrade of COMPASS RICH-1 and beyond	CHATTERJEE, Chandradoy
17:20	[11] Nanodiamond photocathode for MPGD-based single photon detectors at the future EIC	D'AGO, Daniele
17:45	[12] $\beta$ -decay proton emission studies with the Active Target Time Projection Chamber (AT-TPC)	Dr AYYAD, Yassid

# Wednesday 17 February 2021

## Gaseous Detector contribution to PID (14:00 - 18:35)

-Conveners: Silvia Dalla Torre; Emilio Radicioni

time	[id] title	presenter
14:00	[6] TRD Review	Dr ROMANIOUK, Anatoli
14:40	[7] dE/dx, classical and with cluster counting	HAUSCHILD, Michael
15:20	[8] Electronics for Cluster counting	KAMINSKI, Jochen
16:00	Coffee Break	
16:10	[9] The optical read-out options for cluster counting in dE/dx	BRUNBAUER, Florian Maximilian
16:50	[10] Reconstruction and Identification of low energy nuclear and electron recoils in the CYGNO gas TPC with optical readout	DI MARCO, Emanuele
17:15	[14] Development concept of the Focussing Aerogel Ring Imaging Cherenkov (FARICH) detector for HMPID-systems	Dr RESHETIN, Andrei
17:40	[13] Proposal for building a light-sensitive array based on Digital SiPM from PHILIPS for the Aerogel-RICH HMPID system	USENKO, Evgueni