

CPAD Instrumentation Frontier Workshop 2021

Thursday, 18 March 2021

Gaseous Detectors (12:00 - 13:40)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
12:00	[37] TPC Development by the LCTPC Collaboration for the ILD Detector at ILC	KAMINSKI, Jochen
12:40	[31] Options for gain elements and gas mixtures in a high rate EIC Time Projection Chamber	Dr AZMOUN, Bob
13:00	[95] A novel TPC concept for a fast tracker for MAGIX	CAIAZZA, Stefano
13:20	[108] NEWS-G: Search for Light Dark Matter with Spherical Proportional Counters	NIKOLOPOULOS, Konstantinos

Gaseous Detectors (14:00 - 16:00)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
14:00	[71] Detecting neutrinos and measuring nuclear quenching factors with spherical proportional counters	VIDAL, Marie
14:20	[110] Recent advancements on the spherical proportional counter instrumentation for NEWS-G	KATSIOULAS, Ioannis
14:40	[170] CYGNUS: Imaging of low-energy nuclear recoils in gas TPCs	VAHSEN, Sven
15:00	[75] Vector tracking in low-energy nuclear recoils	LEWIS, Peter
15:20	[60] The CYGNO TPC: Optical Readout for Directional Study of Rare Events	PINCI, Davide
15:40	[128] Electroluminescence studies for CYGNO - Directional Dark Matter search with an optical TPC	Dr B. MONTEIRO, Cristina M

Friday, 19 March 2021

Gaseous Detectors (12:00 - 13:40)

-Conveners: Maxim Titov; Sven Vahsen

time	[id] title	presenter
12:00	[82] Performance and stability of a High Granularity Resistive Micromegas at high particle rates.	DELLA PIETRA, Massimo
12:20	[149] The CGEM-IT of the BESIII experiment: preliminary results of the cosmic data taking	MEZZADRI, Giulio
12:40	[147] Gaseous Time Projection Chamber for Ultra-low Radioactive Material Screening	Mrs DU, Haiyan
13:00	[97] Toward studying photonuclear reactions with active-target TPC	Mr FILA, Mateusz
13:20	[47] A High-Pressure Gaseous-Argon TPC as a Component of DUNE Near Detector	Dr MOHAYAI, Tanaz

Gaseous Detectors (14:00 - 15:10)

-Conveners: Sven Vahsen; Maxim Titov

time	[id] title	presenter
14:00	[178] Gas-filled Neutron Imager Operating in Ionization Mode	SMITH, Graham
14:20	[80] A Low Energy Recoil Tracker hyperbolic drift chamber	Mr CAUSSE, Lucien
14:40	[160] Lessons from Mu2e Tracker Construction and Mu2e-II Tracker Opportunities	Dr AMBROSE, Daniel
15:00	[148] Status and prospects of TPC module and prototype R&D for CEPC	Dr QI, Huirong