



Editorial Board (PubComm)

F. Petrucci

F. Amaro

A. Messina

G. Dho

Conference talks

conference	Presenter	Title	Type	Status	Date	Conf. URL
19th Rencontres du Vietnam 2023	A. Prajapati	The CYGNO Experiment: ...	PARALL...	GIVEN	2023-01-05	http://vietnam.in2p3.fr/2023/tmex/
CEvNS workshop	S. Torelli	Feasibility of solar neutrin...	PARALL...	GIVEN	2023-03-22	https://indico.cern.ch/event/1215362/
IFAE 2022	P. Meloni	L'esperimento CYGNO, un...	POSTER	GIVEN	2023-04-12	https://agenda.infn.it/event/34702/
CHEP 2023	G. Mazzitelli	Data handling of CYGNO ...	PARALL...	GIVEN	2023-05-08	https://www.jlab.org/conference/CHEP2023
Dark Matter 2023	F. Borra		POSTER	GIVEN	2023-05-29	https://indico.ifca.es/event/2675/abstracts/
EPS-HEP 2023					2023-08-21	https://www.eps-hep2023.eu/
TAUP 2023	A. Messina	The CYGNO/INITIUM proj...	PARALL...	GIVEN	2023-08-28	https://taup2023.hephy.at/
TIPP 2023		Performance of a prototy...	PARALL...	CANCEL...	2023-09-04	https://indico.tlabs.ac.za/event/112/overview
XVII Iberian Joint Meeting on Atomic and ...	E. Baracchini	Optical negative ion drift ...	PLENARY	GIVEN	2023-09-05	https://indico.cern.ch/event/1209546/
Congresso SIF	P. Meloni	L'esperimento CYGNO, un...	PARALL...	ACCEPTED	2023-09-11	https://www.sif.it/attivita/congresso/109
Congresso SIF	F. Borra	Associazione di segnali o...	PARALL...	ACCEPTED	2023-09-11	https://www.sif.it/attivita/congresso/109
TeVPA 2023	A. Prajapati	The CYGNO/INITIUM proj...	PARALL...	ACCEPTED	2023-09-11	https://agenda.infn.it/event/33457/
LIDINE 2023: Light Detection In Noble Ele...	D. Marques	CYGNO, a directional Dar...	PLENARY	ACCEPTED	2023-09-20	https://agenda.ciemat.es/event/4282/
16th Topical Seminar on Innovative Particl...	F. Di Giambattista	The LIME detector protot...	PARALL...	ACCEPTED	2023-09-25	https://web.bo.infn.it/sminiato/siena23.html
IEEE 2023	F. Petrucci	Performance of a prototy...	PARALL...	ACCEPTED	2023-11-04	https://nssmic.ieee.org/2023/
Detector Stability and Aging OPhenomena	R. Antonietti	Study of long term stabili...	PARALL...		2023-11-06	https://indico.cern.ch/event/1237829/

Papers

A Title	Status	# Pubbl. ...	Reference as	A DOI	A Journal
Noise assessment of CMOS Active Pixel sensors for the CYGNO Experiment	PUBLISHED	2023	B D Almeida et al 2023 Meas. S...	https://doi.org/10.1088/1361-6501/acf7e1	Meas. Sci. Technol.
Directional DBSCAN to detect cosmic-ray tracks for the CYGNO experiment	PUBLISHED	2023	F.D. Amaro et al, Meas. Sci. Tec...	https://doi.org/10.1088/1361-6501/acf402	Meas. Sci. Technol.
A 50 liter Cygno prototype overground characterization	ACCEPTED	2023			
The CYGNO Experiment	PUBLISHED	2022	Amaro, F.D. et al. The CYGNO E...	https://doi.org/10.3390/instruments6010006	Instruments
Identification of low energy nuclear recoils in a gas TPC with optical readout	PUBLISHED	2021	E Baracchini et al 2021 Meas. S...	https://doi.org/10.1088/1361-6501/abbd12	Meas. Sci. Technol.
Performance of an Optically Read Out Time Projection Chamber with ultra-relativi...	PUBLISHED	2021	V.C. Antochi et al. Nuclear Inst. ...	https://doi.org/10.1016/j.nima.2021.165209	NIM A
A density-based clustering algorithm for the CYGNO data analysis	PUBLISHED	2020	E. Baracchini et al, JINST 15 T1...	https://doi.org/10.1088/1748-0221/15/12/T12003	JINST
First evidence of luminescence in a He/CF4 gas mixture induced by non-ionizing e...	PUBLISHED	2020	E. Baracchini et al, JINST 15 P0...	https://doi.org/10.1088/1748-0221/15/08/P08018	JINST
Stability and detection performance of a GEM-based Optical Readout TPC with H...	PUBLISHED	2020	E. Baracchini et al, JINST 15 P1...	https://doi.org/10.1088/1748-0221/15/10/P10001	JINST
Electroluminescence from GEM avalanches in He-CF4 and He-CF4-isobutane for ...	SUBMITTED				
Topic: "Electro-luminescence: latest results with ITO"	PUBCOM				
Topic: "CMOS-Performance: study of light yield of different CMOS"	STARTED				
Modeling the detector response of the CYGNO optical readout TPC	STARTED				
Topic: "Underground background simulation for CYGNO-04"	STARTED				
Topic: "NID"	STARTED				