

# SEMINARS AT LNF 2021

The Borexino heritage: pp and CNO fusion processes in the Sun  
Marco Pallavicini (INFN Genova)  
14/1/2021

Dispersive study of pion-kaon scattering: the kappa and other strange  
resonance and threshold parameters  
Jose Pelaez (Univ. Madrid)  
21/1/2021 Piattaforma Webex Cisco Meetings

Luxe Seminar  
Beate Heinemann (UC Berkeley and Lawrence Berkeley National  
Laboratory)  
26/1/2021 Piattaforma Zoom

Development and novel applications of hybrid pixel detectors  
Gemma Tinti (LNF INFN)  
18/3/2021 Piattaforma Webex Cisco Meetings

Cygnus: an optical TPC for the search of rare events  
Davide Pinci (INFN Roma) Piattaforma Join Zoom Meeting  
29/3/2021 Seminario Congiunto INFN Roma- LNF INFN

The Light Dark Matter Experiment  
Andrew Whitbeck (Texas Tech.) Piattaforma Webex Cisco Meetings  
8/4/2021

First results from the Muon g-2 Experiment at Fermilab  
Graziano Venanzoni (INFN Pisa) Piattaforma Webex  
15/4/2021

Theoretical implications of the measurement of g-2  
Antonio Masiero (INFN Padova) Piattaforma Webex  
15/4/2021

POEMMA: the Probe of Extreme Multi-Messenger Astrophysics  
Mario Edoardo Bertaina (INFN Torino)  
22/4/2021

Lepton flavour violation in muon decays: the MEG case

Luca Galli (INFN Pisa)

29/4/2021

Measurement of  $B^0 \rightarrow \mu^+ \mu^-$  decays with Run 1 + Run 2 data

Marco Santimaria (LNF INFN) Piattaforma Webex

5/5/2021

Precision tests of the Standard Model with  $b \rightarrow sl+l^-$  decay

Flavio Archilli (Heidelberg Univ.) Piattaforma Webex

5/5/2021

Theoretical implications of recent measurements of B-meson decays

Gino Isidori (Zurich Univ.) Piattaforma Webex

5/5/2021

A search for an electric dipole moment of the muon using the frozen-spin technique

Francesco Renga (INFN Roma)

13/5/2021

TOTEM and DO: the discovery of the Odderon

Edoardo Bossini (INFN Pisa)

20/5/2021

Fisica degli Assioni

Clemente Smarra (Roma Univ. La Sapienza)

Collaborazione Scientifica 26/5/2021-23/6/2021

Dark Boson searches at PADME

Luc Darmer (Lyon Univ.)

Collaborazione Scientifica 6/9/2021-9/9/2021

Status and prospects of the  $KL \rightarrow \pi^0 \nu \bar{\nu}$  studies at J-PARC

Tadashi Nomura (KEK)

27/5/2021

The search for feebly-interacting particles within the Physicsbeyond colliders activity at CERN

Gaia Lanfranchi (LNF INFN)

10/6/2021

Physics at a high-intensity kaon beam facility at the CERN SPS  
Matthew Moulson (LNF INFN), Tommaso Spadaro (LNF INFN)  
10/6/2021

The Shadows project to search for feebly-interacting Particles at CERN  
Gaia Lanfranchi (LNF INFN)  
10/6/2021

The KM3NeT Experiment  
Rosa Coniglione (INFN LNS)  
24/6/2021

Axion Models confront Stellar Evolution  
Federico Mescia (Barcellona Univ.)  
Collaborazione Scientifica 5/7/2021-29/7/2021

Construction and commissioning of the Atlas new small wheel  
Giada Mancini (INFN LNF)  
5/8/2021

Confronting Axion Models with Stellar evolution  
Marco Fedele (Karlsruhe Inst. Technology)  
Collaborazione Scientifica 23/8/2021-27/8/2021

Confronting Axion Models with Stellar evolution  
Maurizio Giannotti (Barry Univ.)  
Collaborazione Scientifica 23/8/2021-28/8/2021

The hunt for Neutrinoless double-beta decay with nEXO  
Giorgio Gratta (Stanford Univ.)  
22/9/2021

Wilson loops as defects in  $N=2$  conformal field theories  
Francesco Galvagno (ETH Zurich)  
30/9/2021

Boldly exploring the Majorana Landscape. The NEXT program for  
neutrinoless double beta decay searches  
Juan Jose Gomez Cadenas  
6/10/2021

Fisica degli Assioni

Alexis David Plascencia Contreras (Case Western Reserve Univ.)

Collaborazione Scientifica 22/10/2021-2/11/2021

Uncovering Electrodynamics Design principles of living cells and a potential role of quantum interactions in cellular signal processing

Jack A. Tuszynski (Alberta Univ.)

19/11/2021

Physics Development in Great Caribbean Region – Possibilities of collaboration with DAΦNE

Galileo Violini

22/11/2021

The Complex structure of nucleon form factors exploring the Riemann surfaces of their ratio

Alessio Mangoni

15/12/2021

3D Structure of the Nucleon: from JLab12 to JLab24

Harut Avagyan

15/12/2021