

Session Program

23 August 2021 to 7 October 2021



10th International Conference on New Frontiers in Physics (ICNFP 2021)

Mini Workshop on Instruments and Methods in HEP

Venue: OAC conference center, Kolymbari, Crete, Greece. Participation is possible also via internet.

Wednesday 25 August

17:30

Mini Workshop on Instruments and Methods in HEP

Session | **Location:** Room 2 | **Convener:** Santiago Rafael Paredes Saenz

17:30–17:55

ATLAS LAr Calorimeter Commissioning for LHC Run-3

Speaker

Marc Bret Cano

17:55–18:20

Large Size Micromegas for the Upgrade of the ATLAS Muon Spectrometer, ready for the installation of the New Small Wheel in 2021

Speaker

Giada Mancini

18:20–18:45

The causes and the effects of O₂ contamination on the performance of a Micromegas detector

Speaker

Deb Sankar Bhattacharya

19:00

Monday 30 August

11:00

Mini Workshop on Instruments and Methods in HEP

Session | Location: Room 4

11:00–11:30 **Trigger (CMS)**

Speaker

Pallabi Das

11:30–12:00 **Status of the MUonE experiment**

Speaker

Giovanni Abbiendi

12:00–12:30 **Stimulated deexcitation of antihydrogen atoms**

Speaker

Tim Wolz

12:30–13:00 **Recent SND experiment results on e^+e^- annihilation to hadrons**

Speaker

Dr Aleksandr Korol

13:30

Wednesday 1 September

11:00

Mini Workshop on Instruments and Methods in HEP

Session | Location: Room 2

11:00–11:25

Studies on environment-friendly gas mixtures for the Resistive Plate Chambers of the ALICE Muon Identifier

Speaker

Livia Terlizzi

11:25–11:50

Upgrade of the scintillator detector for particle tracking in experiments with antiprotons

Speakers

Valerio Mascagna, Giulia Gosta

11:50–12:15

Commissioning of the BIS78 pilot project of the phase-1 upgrade of the ATLAS muon spectrometer

Speaker

Meng-Ju Tsai

12:15–12:40

Jet flavour tagging for the ATLAS Experiment

Speaker

Alexander Khanov

12:40–13:05

Development of the ATLAS Liquid Argon Calorimeter Readout Electronics for the HL-LHC

Speaker

Mathieu Benoit

13:05–13:30

Small-strip Thin Gap Chambers (sTGC's) and the New Small Wheel Upgrade of ATLAS

Speaker

Sonia Kabana

13:30

11:00

Mini Workshop on Instruments and Methods in HEP

Session | Location: Room 3

11:00–11:30

Construction and Tests of the CMS High Granularity Endcap Calorimeter for High Luminosity LHC

Speaker

Somnath Choudhury

12:00

17:00

Mini Workshop on Instruments and Methods in HEP

Session | **Location:** Room 2

17:00-17:30 **Tracker Alignment (CMS)**

Speaker

Patrick Connor

17:30-18:00

The present and future Inner Tracking System of the ALICE experiment

Speaker

Nicole Apadula

18:00-18:30

A High-Granularity Timing Detector for the ATLAS Phase-II upgrade

Speaker

Xiao Yang

19:00