

2020 NCSR-D INPP Annual Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

Activities of INPP 2020

Thursday 14 January 2021 14:30 (15 minutes)

Presenter: MARKOU, Christos (Institute of Nuclear Physics)

Contribution ID: 2

Type: **not specified**

The proxy-SU(3) symmetry

Friday 15 January 2021 15:00 (30 minutes)

Presenter: Dr MARTINO, Andriana (NCSR Demokritos)

Contribution ID: 3

Type: **not specified**

KM3NeT: Astroparticle Physics at INPP

Friday 15 January 2021 09:00 (30 minutes)

Presenter: TZAMARIOUDAKI, Aikaterini (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 4

Type: **not specified**

Εύρεση γεγονότων ατμοσφαιρικών νετρίνων με τον ανιχνευτή KM3NeT/ARCA

Friday 15 January 2021 09:30 (15 minutes)

Presenter: SINOPOULOU, Anna (NCSR Demokritos)

Contribution ID: 5

Type: **not specified**

Detection of atmospheric neutrinos with the KM3NeT/ORCA underwater detector

Friday 15 January 2021 09:45 (15 minutes)

Presenter: STAVROPOULOS, Dimitris (NCSR "Demokritos")

Contribution ID: 6

Type: **not specified**

KM3NeT: Technical Activities at INPP

Friday 15 January 2021 10:00 (15 minutes)

Presenter: BAGATELAS, Christos (NCSR Demokritos)

Contribution ID: 7

Type: **not specified**

A short overview of the INPP CMS activities

Friday 15 January 2021 10:15 (15 minutes)

Presenter: LOUKAS, Dimitrios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 8

Type: **not specified**

The MUonE project : An experiment to measure the hadronic component of the muon $g-2$ anomaly

Friday 15 January 2021 10:30 (15 minutes)

Presenter: LOUKAS, Dimitrios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 9

Type: **not specified**

RUN-2 Physics Activities at CMS/LHC

Friday 15 January 2021 11:15 (15 minutes)

Presenter: DASKALAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: **10**

Type: **not specified**

Measurement of the W-Helicity in the lepton + jets channel with the full RUN-2 data at CMS/LHC

Friday 15 January 2021 11:30 (15 minutes)

Presenter: STAKIA, Anna (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 11

Type: **not specified**

Bump hunting for dark matter @ LHC - the stop quark case

Friday 15 January 2021 11:45 (15 minutes)

Presenter: ANAGNOSTOU, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 12

Type: **not specified**

The DAQ development for the Phase Tracker of the CMS experiment

Friday 15 January 2021 12:00 (15 minutes)

Presenter: KAZAS, Ioannis (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 13

Type: **not specified**

MOS irradiation studies for Phase II CMS Tracker Upgrade and TCAD model

Friday 15 January 2021 12:15 (15 minutes)

Presenter: Dr KYRIAKIS, Aristoteles (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 14

Type: **not specified**

Process quality control (PQC) of silicon sensors for the Phase 2 upgrade of the CMS Tracker

Friday 15 January 2021 12:30 (15 minutes)

Presenter: ASSIOURAS, Panagiotis (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 15

Type: **not specified**

Topics of Patrick Asenov's Doctoral Dissertation

Thursday 14 January 2021 16:00 (15 minutes)

Presenter: ASENOV, Patrick (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: **16**

Type: **not specified**

Overview of X-ray spectrometry activities - 2020

Thursday 14 January 2021 15:00 (30 minutes)

Presenter: KARYDAS, Andreas (NCSR "Demokritos")

Contribution ID: 17

Type: **not specified**

**Χαρακτηρισμός ορυκτών εγκλεισμάτων της ομάδας
της πλατίνας σε αρχαιολογικό χρυσό μέσω
απεικονιστικής φασματομετρίας φθορισμού
ακτίνων-Χ**

Thursday 14 January 2021 15:30 (15 minutes)

Presenter: TSAMPA, Kalliopi

Contribution ID: 18

Type: **not specified**

**The application of micro-beam X-ray fluorescence
spectrometry (micro-XRF) in the study of the metal
artefacts of four sanctuaries at Tegea, Arcadia,
Greece (10th-7th c. BCE)**

Thursday 14 January 2021 15:45 (15 minutes)

Presenter: KLADOURI, Nikoletta Kanella

Contribution ID: **19**

Type: **not specified**

Research activities of the ATLAS/INPP group and the DAMA Laboratory

Friday 15 January 2021 16:00 (30 minutes)

Presenter: GERALIS, Theodoros (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: **20**

Type: **not specified**

TBA

Friday 15 January 2021 16:30 (15 minutes)

Presenter: Dr STAVROPOULOS, George (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 21

Type: **not specified**

The Fake Sector Logic for the ATLAS Muon Trigger system

Friday 15 January 2021 16:45 (15 minutes)

Presenter: PRAPA, Maria Myrto (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 22

Type: **not specified**

A program to drive the ATLAS Local Trigger Interface (ALTI)

Friday 15 January 2021 17:00 (15 minutes)

Presenter: TRANTOU, Foteini (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 24

Type: **not specified**

The ESS neutrino Super Beam European project design study

Friday 15 January 2021 17:45 (15 minutes)

Presenter: FANOURLAKIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 25

Type: **not specified**

ESS neutrino Super Beam project studies for the Far detector

Friday 15 January 2021 18:00 (15 minutes)

Presenter: ZORMPA, Olga (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 26

Type: **not specified**

ΕΣΙ

Thursday 14 January 2021 14:45 (15 minutes)

Presenter: AXENIDES, Minos (National Centre for Scientific Research, "Demokritos")

Contribution ID: 27

Type: **not specified**

On the Quantum Mechanics of Black Holes

Thursday 14 January 2021 16:45 (15 minutes)

Presenter: Dr AXENIDES, Minos (National Centre for Scientific Research, "Demokritos")

Contribution ID: 28

Type: **not specified**

M-theory as a dynamical system generator

Thursday 14 January 2021 17:00 (15 minutes)

Presenter: Dr LINARDOPOULOS, Georgios (National Center for Scientific Research, "Demokritos")

Contribution ID: 29

Type: **not specified**

The Dressing Method as Non Linear Superposition in Sigma Models

Thursday 14 January 2021 17:15 (15 minutes)

Presenter: KATSINIS, Dimitrios (UOA)

Contribution ID: 30

Type: **not specified**

Gravity with Perimeter Action and Gravitational Singularities

Thursday 14 January 2021 17:45 (15 minutes)

Presenters: SAVVIDIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR)); SAVVIDIS, Georgios (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 31

Type: **not specified**

2->2 scattering @3-loops

Thursday 14 January 2021 18:00 (15 minutes)

Presenter: CANKO, Dhimiter (NSCR "Demokritos")

Contribution ID: 32

Type: **not specified**

Feynmann Integrals for 2->3 scattering at NNLO

Thursday 14 January 2021 18:15 (15 minutes)

Presenter: SYRRAKOS, Nikolaos (NCSR DEMOKRITOS)

Contribution ID: 33

Type: **not specified**

On Rabbits Intelligence

Thursday 14 January 2021 17:30 (15 minutes)

Presenter: Prof. FLORATOS, Emmanouil (National and Kapodistrian University of Athens (GR))

Contribution ID: 34

Type: **not specified**

Tandem Accelerator Laboratory research activities

Friday 15 January 2021 13:30 (30 minutes)

Presenter: LAGOIANNIS, Anastasios (NCSR "DEmokritos")

Contribution ID: 35

Type: **not specified**

Tandem accelerator & Materials for fusion applications

Friday 15 January 2021 14:00 (15 minutes)

Presenter: KOTSINA, Zoi

Contribution ID: **36**

Type: **not specified**

APAPES

Friday 15 January 2021 14:15 (15 minutes)

Presenter: LAOUTARIS, Angelos

Contribution ID: 37

Type: **not specified**

Cross section measurements of proton capture reactions on Sr isotopes of Astrophysics Applications

Friday 15 January 2021 14:30 (15 minutes)

Presenter: VAGENA, eleni (auth)

Contribution ID: **38**

Type: **not specified**

New Instruments for Nuclear Astrophysics @ the Tandem Accelerator Lab

Friday 15 January 2021 14:45 (15 minutes)

Presenter: AXIOTIS, Michail (NCSR Demokritos)

Contribution ID: 39

Type: **not specified**

Development of a slow control system for the DAMA Laboratory using Arduino

Friday 15 January 2021 17:30 (15 minutes)

Presenter: GIANNAKOPOULOS, D.

Contribution ID: 40

Type: **not specified**

Progress with the ATLAS New Small Wheel Trigger

Friday 15 January 2021 17:15 (15 minutes)

Presenter: ZORMPA, Olga (Nat. Cent. for Sci. Res. Demokritos (GR))

Contribution ID: 41

Type: **not specified**

Έρευνα για υπερσυμμετρία με τελικές καταστάσεις φωτονίων και εγκάρσιας ελλείπουσας ορμής

Friday 15 January 2021 12:45 (15 minutes)

Presenter: PASPALAKI, Garyfallia (Purdue University (US))