

Particle and Astroparticle Physics School in Tirana 2020



Report of Contributions

Contribution ID: 1

Type: **not specified**

Introduction to the first School for particle and astroparticle physics

Presenters: BORICI, Artan (Univeristy of Tirana); Dr DE FILIPPIS, Nicola (Politecnico e INFN Bari (IT))

Session Classification: Discovery of exoplanets, Mimoza Hafizi

Contribution ID: 2

Type: **not specified**

Welcome by Tirana University Authorities

Session Classification: Discovery of exoplanets, Mimoza Hafizi

Contribution ID: 3

Type: **not specified**

Welcome by Italian Embassy

Session Classification: Discovery of exoplanets, Mimoza Hafizi

Contribution ID: 4

Type: **not specified**

Lattice QCD tutorials with QCDCALAB

Presenters: BORICI, Artan (Univeristy of Tirana); BORICI, Artan (Department of Physics-Univer-
siteti Politeknik i Tiranes)

Contribution ID: 5

Type: **not specified**

Exercises with QCDLAB data

Presenters: BORICI, Artan (Department of Physics-Universiteti Politeknik i Tiranes); BORICI, Artan (Univeristy of Tirana)

Contribution ID: 6

Type: **not specified**

La scoperta del bosone di Higgs e le nuove ricerche ad LHC

Presenter: DE FILIPPIS, Nicola (Politecnico e INFN Bari (IT))

Session Classification: Student session

Contribution ID: 7

Type: **not specified**

Onde gravitazionali e astronomia multimessenge

Presenter: LOPARCO, Francesco (Universita e INFN, Bari (IT))

Session Classification: Student session

Contribution ID: 8

Type: **not specified**

Astroparticle in Albania: Gamma Ray Bursts studies

Presenter: Prof. HAFIZI, Mimoza

Session Classification: Discovery of exoplanets, Mimoza Hafizi

Contribution ID: 9

Type: **not specified**

Introduzione al corso di laurea in Fisica presso l'Università Degli Studi di Bari

Presenter: GIORDANO, Francesco (INFN)

Session Classification: Student session

Contribution ID: **10**

Type: **not specified**

Measurement of the speed of the light (1st group)

Presenter: Dr LOPORCHIO, Serena (Bari University)

Contribution ID: 11

Type: **not specified**

Measurement of the speed of the light (2nd group)

Presenter: Dr LOPORCHIO, Serena (Bari University)

Contribution ID: 12

Type: **not specified**

Measurement of the speed of the light (3rd group)

Presenter: Dr LOPORCHIO, Serena (Bari University)

Contribution ID: 13

Type: **not specified**

QCD and the strong force

Monday 27 January 2020 15:00 (1 hour)

Presenter: BORIÇI, Artan (Univeristy of Tirana)

Contribution ID: 14

Type: **not specified**

Quark-antiquark potential from Wilson loops

Monday 27 January 2020 16:30 (1 hour)

Presenter: BORIÇI, Artan (University of Tirana)

Contribution ID: 15

Type: **not specified**

Introduction to Artificial Intelligence and Machine Learning

Tuesday 28 January 2020 13:00 (1 hour)

Presenters: IASELLI, Giuseppe (Universita e INFN, Bari (IT)); Dr AMOROSO, Nicola; DE FILIPPIS, Nicola (Politecnico e INFN Bari (IT))

Contribution ID: **16**

Type: **not specified**

Tutorials: exercises with machine learning tools

Tuesday 28 January 2020 14:00 (1h 30m)

Presenter: Dr AMOROSO, Nicola

Contribution ID: 17

Type: **not specified**

Tutorials: exercises with machine learning tools

Tuesday 28 January 2020 16:00 (1h 30m)

Presenter: MARGJEKA, Ilirjan (PhD Student)

Contribution ID: **18**

Type: **not specified**

La scoperta del bosone di Higgs e le nuove ricerche ad LHC

Presenter: DE FILIPPIS, Nicola (Politecnico e INFN Bari (IT))

Session Classification: Student visit

Contribution ID: 19

Type: **not specified**

Onde gravitazionali e astronomia multimessenger

Presenter: LOPARCO, Francesco (Universita e INFN, Bari (IT))

Session Classification: Student visit

Contribution ID: 20

Type: **not specified**

Introduzione al corso di laurea in Fisica presso l'Università Degli Studi di Bari

Session Classification: Student visit

Contribution ID: 21

Type: **not specified**

Final test for the students

Friday 31 January 2020 11:00 (1 hour)

Presenter: DE FILIPPIS, Nicola (Politecnico e INFN Bari (IT))

Session Classification: Student session

Contribution ID: 22

Type: **not specified**

Discovery on gravitational waves

Presenter: LOPARCO, Francesco (Universita e INFN, Bari (IT))

Session Classification: Student session

Contribution ID: 23

Type: **not specified**

Studying physics in Bari: Master and Phd

Friday 31 January 2020 12:00 (1 hour)

Session Classification: Student session

Contribution ID: 24

Type: **not specified**

Opening session

Monday 27 January 2020 13:00 (30 minutes)

Contribution ID: 25

Type: **not specified**

Discovery of exoplanets

Monday 27 January 2020 13:30 (1 hour)

Presenter: HAFIZI, Mimoza

Contribution ID: 26

Type: **not specified**

Introduction to FERMI-LAT

Thursday 30 January 2020 13:00 (2h 30m)

Session Classification: Introduction to Particle Detectors

Contribution ID: 27

Type: **not specified**

Hands-on tutorial

Thursday 30 January 2020 16:00 (30 minutes)

Session Classification: Tutorials

Contribution ID: 28

Type: **not specified**

Introduction to Standard Model

Wednesday 29 January 2020 12:00 (1 hour)

Session Classification: Introduction to Particle Detectors

Contribution ID: 29

Type: **not specified**

Reconstruction. of the Z resonance

Wednesday 29 January 2020 15:00 (2h 30m)

Session Classification: Tutorials

Contribution ID: **30**

Type: **not specified**

Reconstruction. of the Z resonance

Wednesday 29 January 2020 13:00 (1h 30m)

Session Classification: Tutorials