Introduction to the first School for particle and astroparticle physics

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

Session Classification: Discovery of exoplanets, Mimoza Hafizi
Welcome by Tirana University Authorities

Session Classification: Discovery of exoplanets, Mimoza Hafizi
Welcome by Italian Embassy

Session Classification: Discovery of exoplanets, Mimoza Hafizi
Lattice QCD tutorials with QCDLAB

Presenters: BORICI, Artan (University of Tirana); BORICI, Artan (Department of Physics-Universiteti Politeknik i Tiranes)
Exercises with QCDLAB data

**Presenters:**  BORICI, Artan (Uniweristy of Tirana);  BORICI, Artan (Department of Physics-Universiteti Politeknik i Tiranes)
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
Onde gravitazionali e astronomia multimessenge

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

Session Classification:  Student session
Astroparticle in Albania: Gamma Ray Bursts studies

**Presenter:** Prof. HAFIZI, Mimoza

**Session Classification:** Discovery of exoplanets, Mimoza Hafizi
Introduzione al corso di laurea in Fisica presso l’Università Degli Studi di Bari

Presenter: GIORDANO, Francesco (INFN)

Session Classification: Student session
Measurement of the speed of the light (1st group)

Presenter: Dr LOPORCHIO, Serena (Bari University)
Measurement of the speed of the light (2nd group)

Presenter: Dr LOPORCHIO, Serena (Bari University)
Measurement of the speed of the light (3rd group)

Presenter: Dr LOPORCHIO, Serena (Bari University)
QCD and the strong force

Monday, 27 January 2020 15:00 (1 hour)

Presenter: BORIÇI, Artan (Univeristy of Tirana)
Quark-antiquark potential from Wilson loops

Monday, 27 January 2020 16:30 (1 hour)

Presenter: BORICI, Artan (University of Tirana)
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))
Tutorials: exercises with machine learning tools

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

Presenter: Dr AMOROSO, Nicola
Tutorials: exercises with machine learning tools

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

Presenter: MARGJEKA, Ilirjan (PhD Student)
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
Onde gravitazionali e astronomia multimessenger

Presenter: LOPARCO, Francesco (Università e INFN, Bari (IT))
Session Classification: Student visit
Introduzione al corso di laurea in Fisica presso l’Università Degli Studi di Bari

Session Classification: Student visit
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
Discovery on gravitational waves

**Presenter:**  LOPARCO, Francesco (Università 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
Opening session

Monday, 27 January 2020 13:00 (30 minutes)
Discovery of exoplanets

Monday, 27 January 2020 13:30 (1 hour)

Presenter: HAFIZI, Mimoza
Introduction to FERMI-LAT

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

**Session Classification:** Introduction to Particle Detectors
Contribution ID: 27

**Hands-on tutorial**

*Thursday, 30 January 2020 16:00 (30 minutes)*

**Session Classification:** Tutorials
Introduction to Standard Model

Wednesday, 29 January 2020 12:00 (1 hour)

Session Classification: Introduction to Particle Detectors
Reconstruction. of the Z resonance

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

Session Classification: Tutorials
Reconstruction of the Z resonance

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

Session Classification: Tutorials