

# **Data Science, Particle and Astroparticle Physics School in Tirana 2022**



## **Report of Contributions**

Contribution ID: 33

Type: **not specified**

## Opening session

*Tuesday, 14 June 2022 13:30 (30 minutes)*

**Presenters:** HAFIZI, Mimoza; Prof. DE FILIPPIS, Nicola (Politecnico/INFN Bari (IT)); ZEQRLLARI, Rudina

Contribution ID: **34**

Type: **not specified**

## Supernovas

*Tuesday, 14 June 2022 14:00 (1 hour)*

**Presenter:** HAFIZI, Mimoza

Contribution ID: 35

Type: **not specified**

# Introduction to Black Hole Astrophysics

*Tuesday, 14 June 2022 15:30 (1 hour)*

**Presenter:** KAFEXHIU, Ervin

Contribution ID: **36**

Type: **not specified**

# Big data in High Energy Physics

*Tuesday, 14 June 2022 16:30 (1 hour)*

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

Contribution ID: 37

Type: **not specified**

## Root data analysis

*Wednesday, 15 June 2022 13:00 (1h 30m)*

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

Contribution ID: **38**

Type: **not specified**

## **Strangeness study in ALICE: an invariant mass analysis example.**

*Thursday, 16 June 2022 16:00 (1 hour)*

**Presenter:** COLELLA, Domenico (Politecnico and INFN Bari, Italy)

Contribution ID: 39

Type: **not specified**

## **What is Data Science? A concise introduction with typical applications**

*Thursday, 16 June 2022 12:00 (1 hour)*

**Presenter:** PEQINI, Klaudio (Physics Department, Faculty of Natural Sciences, University of Tirana)



Contribution ID: 40

Type: **not specified**

## **MC generations and CMS simulations**

*Wednesday, 15 June 2022 14:30 (1 hour)*

**Presenter:** MARGJEKA, Ilirjan (University of Bari, INFN)

Contribution ID: 41

Type: **not specified**

## **MC generations and CMS simulations**

*Wednesday, 15 June 2022 16:00 (1 hour)*

**Presenter:** MARGJEKA, Ilirjan (University of Bari, INFN)

Contribution ID: 42

Type: **not specified**

## MC generations and CMS simulations

*Thursday, 16 June 2022 17:00 (1 hour)*

**Presenter:** MARGJEKA, Ilirjan (University of Bari, INFN)

Contribution ID: 43

Type: **not specified**

## **Lattice Space in LQCD with QCDCALAB2**

*Saturday, 18 June 2022 09:00 (1 hour)*

**Presenters:** XHAKO, Dafina (Polytechnic University of Tirana); ZEQIRLLARI, Rudina

Contribution ID: 44

Type: **not specified**

## Analyzing data with Jupyter notebook and Astropy

*Friday, 17 June 2022 13:30 (1h 30m)*

Contribution ID: 45

Type: **not specified**

## **Strangeness study in ALICE:an invariant mass analysis example**

*Thursday, 16 June 2022 13:00 (2h 30m)*

**Presenter:** COLELLA, Domenico (Politecnico and INFN Bari, Italy)