

Science Week Tirana 2024, 2nd edition

Report of Contributions

Contribution ID: 1

Type: **not specified**

Opening of the Science Week 2024

Tuesday 1 October 2024 11:00 (10 minutes)

Presenter: Prof. XHIXHA, Gerti (Department of Physics, Faculty of Natural Sciences, UT)

Contribution ID: 2

Type: **not specified**

From the theoretical model to the experimental observation

Presenter: Dr MARGJEKA, Ilirjan (INFN Bari & CMS, CERN)

Contribution ID: 3

Type: **not specified**

From the theoretical model to the experimental observation

Wednesday 2 October 2024 11:00 (20 minutes)

Presenter: Dr MARGJEKA, Ilirjan (INFN Bari & CMS, CERN)

Contribution ID: 4

Type: **not specified**

Heavy stable particles, dark corner of modern physics and hands-on session

Wednesday 2 October 2024 11:40 (30 minutes)

Primary author: Dr GOUZEVITCH, Maxime (CMS, CERN)

Co-author: Mrs DIDIER-ESTÈVE, Éva (Aix-Marseille Université and CMS, CERN)

Presenters: Dr GOUZEVITCH, Maxime (CMS, CERN); Mrs DIDIER-ESTÈVE, Éva (Aix-Marseille Université and CMS, CERN)

Contribution ID: 5

Type: **not specified**

What are Complex Systems?

Thursday 3 October 2024 11:00 (20 minutes)

Presenter: Prof. IFTI, Margarita (Department of Physics, Faculty of Natural Sciences, UT)

Contribution ID: 6

Type: **not specified**

Chaos theory and arrhythmia: A dynamical approach to cardiac care

Thursday 3 October 2024 12:00 (20 minutes)

Presenter: Mr BOROVC, Lum (Department of Computer Engineering, Faculty of Architecture and Engineering, Epoka University)

Contribution ID: 7

Type: **not specified**

Elementary particle physics at CERN: discoveries and new technologies

Friday 4 October 2024 11:10 (1 hour)

Presenter: Prof. BUONTEMPO, Salvatore (CMS, CERN)

Contribution ID: 8

Type: **not specified**

Particle physics and muon system at CERN

Friday 4 October 2024 12:10 (40 minutes)

Presenter: Prof. HOORANI, Hafeez (CMS, CERN)

Contribution ID: 9

Type: **not specified**

Experiments to prove the quantum entanglement

Tuesday 1 October 2024 11:10 (40 minutes)

Presenter: Prof. HAFIZI, Mimoza (Department of Physics, Faculty of Natural Sciences, UT)

Contribution ID: **10**

Type: **not specified**

Results on top quark physics by CMS

Tuesday 1 October 2024 11:50 (40 minutes)

Presenter: Prof. TOSI, Silvano (INFN Genova and CMS, CERN)

Contribution ID: 11

Type: **not specified**

Experiments to prove the quantum entanglement

Presenter: Prof. HAFIZI, Mimoza (Department of Physics, Faculty of Natural Sciences, UT)

Contribution ID: 12

Type: **not specified**

Nondestructive analysis of an ancient artefact with X-ray fluorescence technique

Wednesday 2 October 2024 11:20 (20 minutes)

Presenter: Mr FIRANJ, Ramadan (Department of Analytical Instrumental Methods, Institute of Applied Nuclear Physics, University of Tirana)

Contribution ID: 13

Type: **not specified**

Periodic monitoring and radiation safety in nuclear medicine: compliance with ionizing radiation safety standard

Thursday 3 October 2024 11:40 (20 minutes)

Presenter: Mrs MUÇO, Zeliha (University Hospital Centre “Mother Theresa”)

Contribution ID: 14

Type: **not specified**

Strong lensing of quasars

Thursday 3 October 2024 12:20 (20 minutes)

Presenter: Mrs GULIQANI, Esmeralda ("Fan S. Noli" University of Korça)

Contribution ID: 15

Type: **not specified**

Registration of participants

Tuesday 1 October 2024 10:45 (15 minutes)

Contribution ID: 16

Type: **not specified**

Impact of radiotherapy on hormone receptor and HER2 status in breast cancer

Thursday 3 October 2024 11:20 (20 minutes)

Presenter: Mrs ZENELI, Siltana (Department of Anatomic Pathology, University Hospital Centre "Mother Teresa", Tirana, Albania)

Contribution ID: 17

Type: **not specified**

Analysis of environmental radioactivity in the Korça district using advanced computational techniques

Wednesday 2 October 2024 12:10 (20 minutes)

Presenter: Mr SHANO, Jurgan (Institute of Applied Nuclear Physics, University of Tirana,)

Contribution ID: **18**

Type: **not specified**

Closing remarks

Contribution ID: 19

Type: **not specified**

Middle and high schools' teachers insights on Physics Education Curricula

Wednesday 2 October 2024 12:30 (20 minutes)

Presenter: Mrs HABILAJ, Edlira (Department of Technical Sciences, Reald University College)