

The 3rd Omani Workshop of High Energy Physics

Report of Contributions

Contribution ID: 1

Type: **not specified**

**Prof. Amr Radi "CERN Introduction + How High
Energy Physics technologies can transfer to industry"
Room 2201**

Monday, 8 April 2019 14:00 (1h 30m)

Contribution ID: 2

Type: **not specified**

Astrophysics include, Dr. Zach "Black Hole Hunting: How we find them and measure them!"

Monday, 8 April 2019 16:00 (1 hour)

Dr. Zach "Black Hole Hunting: How we find them and measure them!"

Contribution ID: 3

Type: **not specified**

Prof.Albert De Roeck "General Introduction to particle physics"

Tuesday, 9 April 2019 14:30 (1h 15m)

Contribution ID: 4

Type: **not specified**

Prof. Albert De Roeck Accelerators, The Large Hadron Collider (LHC) and experiments at the LHC

Wednesday, 10 April 2019 08:30 (1h 15m)

Contribution ID: 5

Type: **not specified**

Tea break

Contribution ID: 6

Type: **not specified**

Prof. Gabriella Pugliese "Detectors based on Resistive Plate Chambers Technology"

Wednesday, 10 April 2019 10:15 (1h 15m)

Contribution ID: 7

Type: **not specified**

Dissuasion on the same room with students

Wednesday, 10 April 2019 11:30 (1 hour)

Contribution ID: 8

Type: **not specified**

Lunch

Contribution ID: 9

Type: **not specified**

Prof. Al Sayed Lashin "The Standard Model of Particles and Interactions (Introduction)"

Wednesday, 10 April 2019 14:00 (1h 15m)

Contribution ID: **10**

Type: **not specified**

Tea Break

Contribution ID: 11

Type: **not specified**

Dr. Mohammed Attia "Root framework" At Physics Lab

Wednesday, 10 April 2019 15:45 (2 hours)

Contribution ID: 12

Type: **not specified**

Prof. Albert De Roeck "Searches for New Physics at the LHC"

Thursday, 11 April 2019 08:30 (1h 15m)

Contribution ID: **13**

Type: **not specified**

Tea Break

Contribution ID: 14

Type: **not specified**

Prof. Gabriella Pugliese "RPC in operation in at HEP Experiments"

Thursday, 11 April 2019 10:15 (1h 15m)

Contribution ID: 15

Type: **not specified**

Lunch

Contribution ID: 16

Type: **not specified**

Prof. Al Sayed Lashin "The Standard Model of Particles and Interactions (Towards Gauge Theories)"

Thursday, 11 April 2019 14:00 (1h 15m)

Contribution ID: 17

Type: **not specified**

Tea Break

Contribution ID: **18**

Type: **not specified**

Dr. Mohammed Attia "CMS computing model"

Thursday, 11 April 2019 15:45 (2 hours)

Contribution ID: **19**

Type: **not specified**

Dissuasion on the same room with students

Thursday, 11 April 2019 11:30 (1 hour)

Contribution ID: 20

Type: **not specified**

Prof. Albert De Roeck "The Future of Particle Physics"

Friday, 12 April 2019 08:30 (1h 15m)

Contribution ID: **21**

Type: **not specified**

Tea Break

Contribution ID: 22

Type: **not specified**

Prof. Gabriella Pugliese "Future applications of the RPC in HEP Experiments and other application"

Friday, 12 April 2019 10:15 (1h 15m)

Contribution ID: 23

Type: **not specified**

Dissuasion on the same room with students

Friday, 12 April 2019 11:30 (1 hour)

Contribution ID: 24

Type: **not specified**

Lunch

Contribution ID: 25

Type: **not specified**

Prof. Al Sayed Lashin "The Standard Model of Particles and Interactions (towards the Standard Model)"

Friday, 12 April 2019 14:00 (1h 15m)

Contribution ID: 26

Type: **not specified**

Tea Break

Contribution ID: 27

Type: **not specified**

Dr. Mohammed Attia "Generation of Monte carlo"

Friday, 12 April 2019 15:45 (2 hours)

Contribution ID: 28

Type: **not specified**

Prof. Al Sayed Lashin "Beyond the Standard Model"

Contribution ID: 29

Type: **not specified**

Closing section

Saturday, 13 April 2019 11:00 (20 minutes)

Contribution ID: 30

Type: **not specified**

**Astrophysics include (Prof. Alaa Ibrahim
“Lighthouses of the Universe: Electromagnetic &
Gravitational Waves from Neutron Stars”)**

Contribution ID: 31

Type: **not specified**

**Astrophysics include Prof. Nidhal Guessone
“Gamma-Ray Bursts, Supernovae, and Kilonovae:
New, Exciting Developments”**

Contribution ID: 32

Type: **not specified**

Astrophysics include Dr. Saleh Al Shidhani and Dr. Alaa Ibrahim “The Ongoing Mysteries of Black Holes”

Tuesday, 9 April 2019 16:15 (1 hour)

Contribution ID: 33

Type: **not specified**

Noor ul Sabah, M.Sc. "Pseudorapidity distribution for charged particles produced from proton-proton collision at 13TeV with Pixel counting method"

Saturday, 13 April 2019 10:00 (1 hour)