

# **The 2nd Omani School of High Energy Physics (including training workshop)**

## **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 4 November 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 4 November 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 5 November 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 6 November 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 6 November 2019 10:15 (1h 15m)*

Contribution ID: 7

Type: **not specified**

## **Dissuasion on the same room with students**

*Wednesday 6 November 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 6 November 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 6 November 2019 15:45 (2 hours)*

Contribution ID: 12

Type: **not specified**

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

*Thursday 7 November 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 7 November 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 7 November 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 7 November 2019 15:45 (2 hours)*

Contribution ID: 19

Type: **not specified**

## **Dissuasion on the same room with students**

*Thursday 7 November 2019 11:30 (1 hour)*

Contribution ID: 20

Type: **not specified**

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

*Friday 8 November 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 8 November 2019 10:15 (1h 15m)*

Contribution ID: 23

Type: **not specified**

## **Dissuasion on the same room with students**

*Friday 8 November 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 8 November 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 8 November 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 9 November 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 5 November 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 9 November 2019 10:00 (1 hour)*