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

Report of Contributions

https://indico.cern.ch/e/810471

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)