5th School on LHC Physics - 2016

Report of Contributions

Contribution ID: 1 Type: not specified

School Inauguration

Monday 15 August 2016 09:00 (50 minutes)

Contribution ID: 2 Type: not specified

Introduction to Large Hadron Collider (LHC)

Monday 15 August 2016 09:50 (50 minutes)

Presenter: HOORANI, Hafeez (National Centre for Physics (PK))

Track Classification: Introduction to Large Hadron Collider (LHC) and Compact Muon Solinoid (CMS) Experiment

Contribution ID: 3 Type: not specified

Introduction to CMS Experiment

Presenter: CAMPORESI, Tiziano (CERN)

Contribution ID: 4 Type: **not specified**

Introduction to Standard Model of Particle Physics - I

Monday 15 August 2016 14:00 (50 minutes)

Electromagnetic and weak interactions

Presenter: ASLAM, Jamil (Quaid-e-Azam University, Islamabad)

Track Classification: Electromagnetic and weak interactions

Contribution ID: 5 Type: **not specified**

Cross Section Measurement of Single Top Quark Using CMS data at the LHC

Wednesday 17 August 2016 09:00 (50 minutes)

Presenter: REZAEI HOSSEINABADI, Ferdos (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 6 Type: **not specified**

Introduction to Standard Model Physics - 2

Presenter: Dr ASLAM, Jamil

Contribution ID: 7 Type: **not specified**

Introduction to CMS Calorimetery System - I

Wednesday 17 August 2016 14:00 (50 minutes)

Presenter: PARAMATTI, Riccardo (INFN - Rome I)

Contribution ID: 8 Type: not specified

Higgs Boson and Beyond - 1

Presenter: ELLIS, Jonathan R. (University of London (GB))

Contribution ID: 9 Type: not specified

Symmetries in Particle Physics - I

Presenter: HOORANI, Hafeez (National Centre for Physics (PK))

Contribution ID: 10 Type: not specified

Introduction to CMS Calorimetery System - II

Thursday 18 August 2016 09:00 (50 minutes)

Presenter: PARAMATTI, Riccardo (INFN - Rome I)

Contribution ID: 11 Type: not specified

Introduction to CMS Calorimetery System - III

Thursday 18 August 2016 11:10 (50 minutes)

Presenter: PARAMATTI, Riccardo (INFN - Rome I)

Contribution ID: 12 Type: not specified

Introduction to Standard Model Physics - II

Tuesday 16 August 2016 09:00 (50 minutes)

Presenter: ASLAM, Jamil (Quaid-e-Azam University, Islamabad)

Contribution ID: 13 Type: not specified

Introduction to CMS Calorimetery System - III

Presenter: Dr ASLAM, Jamil (Quaid-e-Azam University, Islamabad)

Contribution ID: 14 Type: **not specified**

Symmetries in Particle Physics - I

Presenter: HOORANI, Hafeez (National Centre for Physics (PK))

Contribution ID: 15 Type: not specified

Introduction to Experimental Particle Physics - III

Tuesday 16 August 2016 14:50 (50 minutes)

Presenter: AHMAD, Ashfaq (National Centre for Physics (PK))

Contribution ID: 16 Type: not specified

Evolution of Physics and Its Impact on Society

Monday 15 August 2016 11:10 (50 minutes)

Presenter: FAYYAZUDDIN (National Centre for Physics, Islamabad)

Contribution ID: 17 Type: not specified

Quantum Chromodynamics (QCD) - I

Friday 19 August 2016 12:00 (50 minutes)

Presenter: BILAL MASOOD (Centre for High Energy Physics, Punjab University, Lahore)

Contribution ID: 18 Type: not specified

Top Quark Physics and Collider Phenomenology

Wednesday 17 August 2016 09:50 (50 minutes)

Presenter: KHATIBI, Sara (School of Particles and Accelerator Inst. for Res. in Fundam. S)

Contribution ID: 19 Type: not specified

Introduction to Standard Model of Particle Physics - IV

Wednesday 17 August 2016 11:10 (50 minutes)

Presenter: JAMIL ASLAM

Contribution ID: 20 Type: not specified

Quantum Chromodynamics (QCD) - IV

Thursday 18 August 2016 09:50 (50 minutes)

Presenter: FAISAL AKRAM (Centre for High Energy Physics, Punjab University, Lahore)

Contribution ID: 21 Type: not specified

ALICE Detector at LHC

Tuesday 16 August 2016 11:10 (50 minutes)

Presenter: BASHIR BUTT, Jamila (COMSATS Institute of Information Technology (PK))

Contribution ID: 22 Type: not specified

Introduction to Experimental Particle Physics - II

Tuesday 16 August 2016 14:00 (50 minutes)

Presenter: AHMAD, Ashfaq (National Centre for Physics (PK))

Lab - 1 (Linux)

Contribution ID: 23 Type: not specified

Lab - 1 (Linux)

Monday 15 August 2016 14:50 (50 minutes)

Presenter: SHARJEEL (NCP, Islamabad)

Contribution ID: 24 Type: not specified

Lab - 2 (Linux and vi editor)

Tuesday 16 August 2016 16:10 (50 minutes)

Presenter: SHARJEEL (NCP, Islamabad)

Contribution ID: 25 Type: not specified

Introduction to Experimental Particle Physics - III

Presenter: AHMAD, Ashfaq (National Centre for Physics (PK))

Contribution ID: 26 Type: not specified

Ttbar Measuremnts at CMS Detector - I

Tuesday 16 August 2016 09:50 (50 minutes)

Presenter: NASERI, Mohsen (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 27 Type: not specified

Introduction to Standard Model of Particle Physics - III

Tuesday 16 August 2016 12:00 (50 minutes)

Presenter: JAMIL ASLAM (Quaid-i-Azam University, Islamabad)

Contribution ID: 28 Type: not specified

Introduction to Experimental Particle Physics - I

Monday 15 August 2016 12:00 (50 minutes)

Presenter: AHMAD, Ashfaq (National Centre for Physics (PK))

Contribution ID: 29 Type: not specified

Introduction to Standard Model of Particle Physics - III

Presenter: Mr JAMIL ASLAM (Quaid-i-Azam University, Islamabad)

Contribution ID: 30 Type: not specified

Introduction to Standard Model of Particle Physics - V

Wednesday 17 August 2016 14:50 (50 minutes)

Presenter: JAMIL ASLAM

Contribution ID: 31 Type: not specified

Introduction to Standard Model of Particle Physics - IV

Thursday 18 August 2016 12:00 (50 minutes)

Presenter: JAMIL ASLAM (Quaid-i-Azam University, Islamabad)

Contribution ID: 32 Type: not specified

Ttbar Measuremnts at CMS Detector - II

Friday 19 August 2016 09:00 (50 minutes)

Presenter: NASERI, Mohsen (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 33 Type: not specified

Jet/MET Identification and Reconstruction at CMS Detector

Thursday 18 August 2016 14:00 (50 minutes)

Presenter: AZZURRI, Paolo (Universita di Pisa & INFN (IT))

Contribution ID: 34 Type: not specified

Intrduction to Higgs and Beyond - I

Thursday 18 August 2016 14:50 (50 minutes)

Presenter: ELLIS, Jonathan R. (University of London (GB))

Contribution ID: 35 Type: not specified

Intrduction to Higgs and Beyond - II

Friday 19 August 2016 14:50 (50 minutes)

Presenter: ELLIS, Jonathan R. (University of London (GB))

Contribution ID: 36 Type: not specified

Introduction to CMS Calorimetery System - IV

Friday 19 August 2016 09:50 (50 minutes)

Presenter: PARAMATTI, Riccardo (INFN - Rome I)

Contribution ID: 37 Type: not specified

Single Top Measuremment at CMS Detector - I

Presenter: REZAEI HOSSEINABADI, Ferdos (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 38 Type: not specified

Single Top Measuremment at CMS Detector - II

Monday 22 August 2016 09:50 (50 minutes)

Presenter: REZAEI HOSSEINABADI, Ferdos (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 39 Type: not specified

Introduction to Supersymmetry - II

Presenter: BABAR QURESHI (LUMS, Lahore)

Contribution ID: 40 Type: not specified

Introduction to Supersymmetry - I

Monday 22 August 2016 12:00 (50 minutes)

Presenter: BABAR QURESHI (LUMS, Lahore)

Contribution ID: 41 Type: not specified

Monte Carlo Simulations

Tuesday 23 August 2016 11:10 (50 minutes)

Presenter: YASIN, Zafar (PINSTECH, Islamabad)

Single Top Physics

Contribution ID: 42 Type: not specified

Single Top Physics

Friday 19 August 2016 11:10 (50 minutes)

Presenter: REZAEI HOSSEINABADI, Ferdos (Institute for Research in Fundamental Sciences (IR))

Contribution ID: 43 Type: not specified

Searches of new physics with boosted objects

Monday 22 August 2016 09:00 (50 minutes)

Presenter: KHALIL, Sadia (The University of Kansas (US))

Contribution ID: 44 Type: **not specified**

Phenomonology of Top Quark - I

Monday 22 August 2016 11:10 (50 minutes)

Presenter: KHATIBI, Sara (School of Particles and Accelerator Inst. for Res. in Fundam. S)

Contribution ID: 45 Type: not specified

Introduction to Top Quark Physics - I

Monday 22 August 2016 14:00 (50 minutes)

Presenter: MULLER, Thomas (KIT - Karlsruhe Institute of Technology (DE))

Contribution ID: 46 Type: not specified

Introduction to Top Quark Physics - II

Tuesday 23 August 2016 14:00 (50 minutes)

Presenter: MULLER, Thomas (KIT - Karlsruhe Institute of Technology (DE))

Contribution ID: 47 Type: **not specified**

Beyond Standard Model

Monday 22 August 2016 14:50 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

Contribution ID: 48 Type: **not specified**

Status of SUSY Searches at the LHC

Tuesday 23 August 2016 12:00 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

Contribution ID: 49 Type: not specified

Status of Dark Matter Searches at LHC

Tuesday 23 August 2016 14:50 (50 minutes)

Presenter: DE ROECK, Albert (CERN)

5th School on L $\,\cdots\,$ / Report of Contributions

Zafar Yasin

Contribution ID: 50 Type: not specified

Zafar Yasin

Presenter: ZAFAR YASEEN

Shakeel Ahmad

Contribution ID: 51 Type: not specified

Shakeel Ahmad

Presenter: SHAKEEL AHMAD

Contribution ID: 52 Type: not specified

Phenomonology of Top Quark - II

Presenter: KHATIBI, Sara (School of Particles and Accelerator Inst. for Res. in Fundam. S)

Contribution ID: 53 Type: not specified

SUSY

Wednesday 24 August 2016 09:00 (1h 40m)

Presenter: KHALID, Rizwan

Cloud Computing

Contribution ID: 54 Type: not specified

Cloud Computing

Wednesday 24 August 2016 11:10 (50 minutes)

Presenter: AHMAD, Shakeel

Contribution ID: 55 Type: not specified

ROOT - I (Intro, Basics and Functions)

Wednesday 24 August 2016 12:00 (50 minutes)

Presenter: SADDIQUE, Asif (National Centre for Physics (PK))

Contribution ID: 56 Type: not specified

ROOT - II (Histogram Operations)

Wednesday 24 August 2016 14:00 (1h 40m)

Presenter: SADDIQUE, Asif (National Centre for Physics (PK))

Contribution ID: 57 Type: not specified

CMSSW-II

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 58 Type: not specified

CMSSW - I

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 59 Type: not specified

ROOT - III (ROOT Tree, Useful Tool for Data Analysis)

Thursday 25 August 2016 09:00 (50 minutes)

Presenter: SADDIQUE, Asif (National Centre for Physics (PK))

Contribution ID: 60 Type: not specified

ROOT Practice Session

Thursday 25 August 2016 09:50 (50 minutes)

Presenter: SADDIQUE, Asif (National Centre for Physics (PK))

Contribution ID: 61 Type: not specified

CMSSW - I

Thursday 25 August 2016 11:10 (50 minutes)

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 62 Type: not specified

CMSSW - III

Thursday 25 August 2016 14:30 (50 minutes)

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 63 Type: not specified

CMSSW-II

Thursday 25 August 2016 12:00 (50 minutes)

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 64 Type: not specified

CMSSW - IV

Thursday 25 August 2016 15:20 (1h 40m)

Presenters: AHMAD, Muhammad (National Centre for Physics (PK)); KHURSHID, Taimoor (National Centre for Physics (PK))

5th School on L $\,\cdots\,$ / Report of Contributions

Lab - 2 (Linux)

Contribution ID: 65 Type: not specified

Lab - 2 (Linux)

Monday 15 August 2016 16:10 (50 minutes)

Presenter: SHARJEEL

Contribution ID: 66 Type: not specified

Quantum Field Theory

Wednesday 17 August 2016 12:00 (50 minutes)

Presenter: AYUB FARIDI

Contribution ID: 67 Type: not specified

Quantum Chromodynamics (QCD) - IV

Friday 19 August 2016 14:00 (50 minutes)

Presenter: FAISAL AKRAM

Contribution ID: 68 Type: not specified

Introduction to C++ (I)

Monday 22 August 2016 16:10 (50 minutes)

Presenter: KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 69 Type: not specified

Introduction to C++ (II)

Tuesday 23 August 2016 16:10 (50 minutes)

Presenter: KHURSHID, Taimoor (National Centre for Physics (PK))

Contribution ID: 70 Type: not specified

Micro Black Hole Searches using CMS Run II Data

Tuesday 23 August 2016 09:00 (1h 40m)

Presenter: SADDIQUE, Asif (National Centre for Physics (PK))