

International Summer school on TeV Experimental Physics (iSTEP)

Report of Contributions

Contribution ID: 0

Type: **not specified**

Opening Speech on HEP Experimental Research at IHEP and China

Wednesday, 20 August 2014 09:00 (1 hour)

Presenter: Prof. CHEN, Hesheng (IHEP,Beijing)

Contribution ID: 1

Type: **not specified**

Standard Model - Electroweak Theory(1)

Wednesday, 20 August 2014 10:20 (1h 40m)

Presenter: Prof. CAO, Qing-Hong (Department of Physics, Peking University)

Contribution ID: 2

Type: **not specified**

Collider Phenomenology (1)

Wednesday, 20 August 2014 12:00 (1h 40m)

Presenter: Prof. CAO, Qing-Hong (Department of Physics, Peking University)

Contribution ID: 3

Type: **not specified**

Standard Model Measurements

Wednesday, 20 August 2014 15:50 (1h 40m)

Presenter: Dr LIU, Jianbei (University of Science and Technology of China (USTC))

Contribution ID: 4

Type: **not specified**

Standard Model - QCD Theory(1)

Thursday, 21 August 2014 09:00 (1h 40m)

Presenter: Prof. SI, Zongguo (ShanDong University)

Contribution ID: 5

Type: **not specified**

Root Tutorial

Thursday, 21 August 2014 14:00 (1h 40m)

Presenter: Prof. LI, Liang (Shanghai Jiao Tong University)

Contribution ID: 6

Type: **not specified**

Standard Model - QCD Theory(2)

Thursday, 21 August 2014 10:40 (1h 40m)

Presenter: Prof. SI, Zongguo (ShanDong University)

Contribution ID: 7

Type: **not specified**

Higgs Physics Experimental Results

Thursday, 21 August 2014 15:50 (1h 40m)

Presenter: Prof. MELLADO, Bruce (University of the Witwatersrand)

Contribution ID: 8

Type: **not specified**

Standard Model - Electroweak Theory(2)

Friday, 22 August 2014 09:00 (1h 40m)

Presenter: Prof. CAO, Qing-Hong (Department of Physics, Peking University)

Contribution ID: 9

Type: **not specified**

Detector & Reconstruction Overview

Friday, 22 August 2014 10:50 (1h 40m)

Presenters: Mr RUAN, Manqi (LLR, Ecole Polytechnique); Mr RUAN, Manqi (IHEP)

Contribution ID: **10**

Type: **not specified**

Calorimeter

Friday, 22 August 2014 14:00 (1h 40m)

Presenter: Prof. LV, JunGuang (IHEP)

Contribution ID: **11**

Type: **not specified**

Tracking Detector (1)

Friday, 22 August 2014 15:50 (1h 40m)

Presenter: FUJII, Keisuke (KEK)

Contribution ID: 12

Type: **not specified**

Collider Phenomenology (2)

Saturday, 23 August 2014 09:00 (1h 40m)

Presenter: Prof. CAO, Qing-Hong (Department of Physics, Peking University)

Contribution ID: 13

Type: **not specified**

Tracking Detector (2)

Saturday, 23 August 2014 10:50 (1h 40m)

Presenter: FUJII, Keisuke (KEK)

Contribution ID: 14

Type: **not specified**

Monte-Carlo Event Generators for Particle Physics in the 21st Century

Saturday, 23 August 2014 14:00 (1h 40m)

Presenter: Prof. KILIAN, Wolfgang

Contribution ID: 15

Type: **not specified**

Hadron Physics Experimental Results

Saturday, 23 August 2014 15:50 (1h 40m)

Presenters: Prof. LI, HaiBo (Institute of High Energy Physics); LI, Haibo (IHEP)

Contribution ID: 16

Type: **not specified**

Introduction to Beyond Standard Model Theory (1)

Monday, 25 August 2014 09:00 (1h 40m)

Presenter: Prof. YANG, Jinmin (The Institution of Theoretical)

Contribution ID: 17

Type: **not specified**

Muon Detector

Monday, 25 August 2014 10:50 (1h 40m)

Presenter: Prof. JIANG, chun hua (ihep)

Contribution ID: **18**

Type: **not specified**

Statistics Methods in Particle Physics (1)

Monday, 25 August 2014 14:00 (1h 40m)

Presenter: Prof. COWAN, Glen

Contribution ID: 19

Type: **not specified**

SUSY Searches at Collider Experiments

Monday, 25 August 2014 15:50 (1h 40m)

Presenter: Dr ZHUANG, Xuai (IHEP)

Contribution ID: 20

Type: **not specified**

Introduction to Beyond Standard Model Theory (2)

Tuesday, 26 August 2014 09:00 (1h 40m)

Presenter: Prof. YANG, Jinmin (The Institution of Theoretical)

Contribution ID: 21

Type: **not specified**

Trigger and Data Acquisition System

Tuesday, 26 August 2014 10:50 (1h 40m)

Presenter: Prof. LIU, Zhen An (IHEP)

Contribution ID: 22

Type: **not specified**

Statistics Methods in Particle Physics (2)

Tuesday, 26 August 2014 14:00 (1h 40m)

Presenter: Prof. COWAN, Glen

Contribution ID: 23

Type: **not specified**

Top Quark Physics Experimental Results

Tuesday, 26 August 2014 15:50 (1h 40m)

Presenter: Dr TU, Yanjun (University of California at San Diego)

Contribution ID: 24

Type: **not specified**

Higgs Physics phenomenology

Wednesday, 27 August 2014 09:00 (1h 40m)

Presenter: Prof. YANG, Li Lin (Peking University)

Contribution ID: 25

Type: **not specified**

Statistics Methods in Particle Physics (3)

Wednesday, 27 August 2014 10:50 (1h 40m)

Presenter: Prof. COWAN, Glen

Contribution ID: 26

Type: **not specified**

Non-SUSY New Physics Searches at Collider Experiments

Wednesday, 27 August 2014 14:00 (1h 40m)

Presenter: Prof. MELLADO, Bruce (University of the Witwatersrand)

Contribution ID: 27

Type: **not specified**

Future of TeV Physics

Wednesday, 27 August 2014 15:50 (1h 40m)

Presenter: Prof. KILIAN, Wolfgang

Contribution ID: **28**

Type: **not specified**

School photo

Wednesday, 20 August 2014 10:00 (20 minutes)

Contribution ID: 29

Type: **not specified**

Reception at Guest House

Wednesday, 20 August 2014 17:30 (2 hours)

Contribution ID: **30**

Type: **not specified**

Root Software

Wednesday, 20 August 2014 19:30 (2 hours)

Presenter: Dr WANG, siguang (Peking University)

Contribution ID: **31**

Type: **not specified**

opening banquet

Thursday, 21 August 2014 18:30 (3 hours)

Contribution ID: 32

Type: **not specified**

Kinematics Variables and Physics Observables

Friday, 22 August 2014 19:30 (2 hours)

Presenter: Mr SHAN, Lianyou (ATLAS)

Contribution ID: 33

Type: **not specified**

Buffet at Guest House

Contribution ID: 34

Type: **not specified**

MC Sample Analysis: Event generation, Background rejection and Signal selection

Saturday, 23 August 2014 19:30 (2 hours)

Presenter: Mr LI, Qiang (Peking Univ.)

Contribution ID: 35

Type: **not specified**

Statistics Tools

Monday, 25 August 2014 19:30 (2 hours)

Presenter: Prof. MA, Lianliang (Shandong University)

Contribution ID: 36

Type: **not specified**

Parallel Analysis Projects hands on: ATLAS/CMS/CEPC

Tuesday, 26 August 2014 19:30 (2 hours)

Contribution ID: 37

Type: **not specified**

Parallel Analysis Projects hands on: ATLAS/CMS/CEPC

Wednesday, 27 August 2014 19:30 (2 hours)

Contribution ID: **38**

Type: **not specified**

Accelerator Physics

Thursday, 28 August 2014 15:50 (1h 40m)

Presenter: Mr ZHANG, Yuan (IHEP, Beijing)

Contribution ID: 39

Type: **not specified**

Whizard Mini Workshop

Thursday, 28 August 2014 10:00 (6 hours)

Presenters: Dr BACH, Fabien; Prof. KILLIAN, Wolfgang