

# **CEPC Analysis Working Week**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

# Welcome

*Monday, 17 August 2015 09:30 (20 minutes)*

**Presenter:** Prof. LOU XINCHOU, Xinchou (高能所)

Contribution ID: 1

Type: **not specified**

# Overview of High Energy Experiment

*Monday, 17 August 2015 09:50 (1h 20m)*

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

Contribution ID: 2

Type: **not specified**

## **Introduction to CEPC Project**

*Monday, 17 August 2015 11:30 (30 minutes)*

**Presenter:** Dr LI, Gang (EPC.IHEP) (EPC.IHEP)

Contribution ID: 3

Type: **not specified**

## Registration

*Monday, 17 August 2015 09:00 (30 minutes)*

Contribution ID: 4

Type: **not specified**

## **CEPC Conceptual Detector & Its Reconstruction**

*Monday, 17 August 2015 14:00 (1 hour)*

**Presenter:** Mr RUAN, Manqi (IHEP)

Contribution ID: 5

Type: **not specified**

## Root toolkit introduction

*Monday, 17 August 2015 15:20 (1 hour)*

**Presenter:** Dr GUO, Aiqiang (IHEP CAS)

Contribution ID: 6

Type: **not specified**

## **CEPC Generator Sample & Main SM Processes**

*Tuesday, 18 August 2015 09:00 (40 minutes)*

**Presenters:** Dr LI, Gang (EPC.IHEP) (EPC.IHEP); MO, Xin (IHEP)



Contribution ID: 7

Type: **not specified**

## **CEPC data structure, simulation and reconstruction tool**

*Tuesday, 18 August 2015 09:40 (50 minutes)*

**Presenter:** Mr RUAN, Manqi (IHEP)

Contribution ID: 8

Type: **not specified**

## **Browsing into data: Jets, Tau, MET, etc**

*Tuesday, 18 August 2015 14:00 (40 minutes)*

**Presenter:** Dr LI, Gang (EPC.IHEP) (EPC.IHEP)

Contribution ID: 9

Type: **not specified**

## **LCIO Objects and Druid, Event Display tool**

*Tuesday, 18 August 2015 15:00 (1 hour)*

**Presenter:** Mr RUAN, Manqi (IHEP)

Contribution ID: **10**

Type: **not specified**

## **Exercise 1: Evt display on detector geometry & detector hits**

*Tuesday, 18 August 2015 16:00 (1 hour)*

Contribution ID: 11

Type: **not specified**

## Review of Exercise 2

*Wednesday, 19 August 2015 09:00 (1 hour)*

**Presenter:** Mr RUAN, Manqi (IHEP)

Contribution ID: 12

Type: **not specified**

## **Simple Analysis code: Print MCParticle & Print RecoParticle**

*Wednesday, 19 August 2015 10:00 (40 minutes)*

Contribution ID: 13

Type: **not specified**

## **Exercise 3: get spectrums from LCIO file**

*Wednesday, 19 August 2015 11:00 (1 hour)*

Contribution ID: 14

Type: **not specified**

## **Exercise 1: environment setting**

*Monday, 17 August 2015 16:20 (1h 40m)*



Contribution ID: 15

Type: **not specified**

## Higgs Recoil Mass analysis

*Wednesday, 19 August 2015 14:00 (3 hours)*

**Presenter:** Mr CHEN, Zhenxing (Peking University)

Contribution ID: 16

Type: **not specified**

## Higgs to Di photon Branching ratio measurement

*Thursday, 20 August 2015 09:00 (3 hours)*

**Presenter:** Mr WANG, Feng (Wuhan university)

Contribution ID: 17

Type: **not specified**

## **Introduction to common Analysis tool: FSClasser**

*Thursday, 20 August 2015 15:30 (3 hours)*

**Presenter:** Dr LI, Gang (EPC.IHEP) (EPC.IHEP)

Contribution ID: **18**

Type: **not specified**

## **Strategy of CEPC Analysis**

*Friday, 21 August 2015 09:00 (2 hours)*

Contribution ID: 19

Type: **not specified**

## Systematic Analysis

*Thursday, 20 August 2015 14:00 (1h 30m)*

**Presenter:** Dr LI, Gang (EPC.IHEP) (EPC.IHEP)

Contribution ID: **20**

Type: **not specified**

## **Browsing into data: From Hits to Final State Particle**

*Tuesday, 18 August 2015 11:00 (1 hour)*

**Presenter:** Mr RUAN, Manqi (IHEP)