

**院前沿重点项目启动会，暨国际  
创新海外团队 & 所创新团队  
2016 年联合年会**

**Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Introduction

*Friday, 18 November 2016 09:00 (10 minutes)*

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

**Session Classification:** Session I

Contribution ID: 1

Type: **not specified**

## Progress and plan from Chinese CMS

**Presenter:** Prof. CHEN, Guoming (IHEP, CAS)

Contribution ID: 2

Type: **not specified**

## **ATLAS & CEPC Silicon Detector Activities**

*Friday, 18 November 2016 17:00 (20 minutes)*

**Presenter:** Dr ZHU, Hongbo (IHEP)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 3

Type: **not specified**

## Highlights from ICFA Higgs Factory workshop

*Friday, 18 November 2016 09:10 (20 minutes)*

**Presenter:** Dr CHOU, Weiren (FNAL)

**Session Classification:** Session I

Contribution ID: 4

Type: **not specified**

## Progress on CEPC simulation

*Friday, 18 November 2016 09:30 (20 minutes)*

**Presenters:** Dr LI, Gang (IHEP); Mr RUAN, Manqi (IHEP)

**Session Classification:** Session I

Contribution ID: 5

Type: **not specified**

## **Progress on the study of CEPC-TPC**

*Friday, 18 November 2016 09:50 (20 minutes)*

**Presenter:** Dr QI, Huirong (Institute of High Energy Physics, CAS)

**Session Classification:** Session I

Contribution ID: 6

Type: **not specified**

## **Progress on the study of CEPC Calorimeter**

*Friday, 18 November 2016 10:30 (20 minutes)*

**Presenter:** Prof. TAO, Hu (IHEP)

**Session Classification:** Session II



Contribution ID: 7

Type: **not specified**

## **Progress on the stud of CEPC Detector Magnets**

*Friday, 18 November 2016 10:50 (20 minutes)*

**Presenter:** Mr ZHU ZIAN, Zian (高能所)

**Session Classification:** Session II

Contribution ID: 8

Type: **not specified**

## **Optical data transmission with over 10 Gbps speed and millimeter profile for detector front-end readout in HEP**

*Friday, 18 November 2016 11:30 (25 minutes)*

**Presenter:** Prof. YE, Jingbo (Southern Methodist University)

**Session Classification:** Session II

Contribution ID: 9

Type: **not specified**

## **New Physics Implication of CEPC precision measurements**

*Friday, 18 November 2016 11:55 (20 minutes)*

**Presenter:** Prof. SU, Shufang (University of Arizona)

**Session Classification:** Session II

Contribution ID: **10**

Type: **not specified**

## **Study on ATLAS alternative Higgs productions (VBF, ttH)**

*Friday, 18 November 2016 14:20 (20 minutes)*

**Presenter:** Prof. LIANG ZHIJUN

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 11

Type: **not specified**

## **ttH analysis experimental status and plans of IHEP CMS group**

*Friday, 18 November 2016 14:40 (20 minutes)*

**Presenter:** ZHANG HUAQIAO

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 12

Type: **not specified**

## Progress on CEPC Higgs physics

*Friday, 18 November 2016 15:00 (20 minutes)*

**Presenters:** Dr LI, Gang (IHEP); Mr RUAN, Manqi (IHEP)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 13

Type: **not specified**

## Theoretical study on CEPC physics

*Friday, 18 November 2016 11:10 (20 minutes)*

**Presenter:** Dr JIA, Yu (IHEP)

**Session Classification:** Session II

Contribution ID: 14

Type: **not specified**

## ATLAS BSM Higgs search

*Friday, 18 November 2016 16:00 (20 minutes)*

**Presenter:** Prof. FANG, Yaquan (IHEP)

**Session Classification:** Session III Higgs study at LHC & CEPC



Contribution ID: 15

Type: **not specified**

## **Status and plan of IHEP CMS physics analyses in ZZ channel**

*Friday, 18 November 2016 15:20 (20 minutes)*

**Presenter:** Dr CHEN MINGSHUI, Mingshui (IHEP)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 16

Type: **not specified**

## **ATLAS Susy study**

*Friday, 18 November 2016 16:20 (20 minutes)*

**Presenter:** Dr ZHUANG XUAI, Xuai (高能所)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 17

Type: **not specified**

## **ATLAS Higgs measurement and rare decay of Higgs (H→Zγ)**

*Friday, 18 November 2016 16:40 (20 minutes)*

**Presenter:** Dr HUANG, yanping (ihep)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: **18**

Type: **not specified**

## **Higgs activities and plan on ATLAS**

*Friday, 18 November 2016 14:00 (20 minutes)*

**Presenter:** Mr ZHANG, Zhiqing (lal)

**Session Classification:** Session III Higgs study at LHC & CEPC

Contribution ID: 19

Type: **not specified**

## **the plans of activities/conferences for 2017**

*Friday, 18 November 2016 17:20 (20 minutes)*

**Presenter:** SHI, Xin (IHEP)

**Session Classification:** Session III Higgs study at LHC & CEPC