

# **CEPC physics and computing workshop**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **CEPC physics and software studies**

*Wednesday, 21 December 2016 14:00 (50 minutes)*

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

**Session Classification:** Physics topics

Contribution ID: 2

Type: **not specified**

## Talk title TBC

**Presenter:** Dr GANJOUR, Sergey (Saclay)

**Session Classification:** Physics topics

Contribution ID: 3

Type: **not specified**

## Particle discrimination using jet substructures

*Wednesday, 21 December 2016 14:50 (30 minutes)*

**Presenter:** Prof. LI, Hsiang-Nan (IPAS)

**Session Classification:** Physics topics

Contribution ID: 4

Type: **not specified**

## **A testable model: Gauged 2HDM**

*Wednesday, 21 December 2016 15:20 (30 minutes)*

**Presenter:** Dr TSAI, Yue-Lin Sming (NCTS)

**Session Classification:** Physics topics

Contribution ID: 5

Type: **not specified**

## **Probing the Top-Yukawa Coupling in Associated Higgs production with a Single Top Quark**

*Wednesday, 21 December 2016 16:20 (30 minutes)*

**Presenter:** Dr LU, Chih-Ting (NTHU)

**Session Classification:** Physics topics

Contribution ID: 6

Type: **not specified**

# **An Exploratory study of Higgs-boson pair production**

*Wednesday, 21 December 2016 16:50 (30 minutes)*

**Presenter:** Dr CHANG, Jung (NTHU)

**Session Classification:** Physics topics

Contribution ID: 7

Type: **not specified**

## **Towards gauge unified hidden strong dynamics**

*Wednesday, 21 December 2016 17:20 (30 minutes)*

**Presenter:** Dr YE, Fang (NTU)

**Session Classification:** Physics topics



Contribution ID: 8

Type: **not specified**

# The extended Higgs physics and its cosmological implications

**Presenter:** Dr EIBUN, Senaha (NTU)

**Session Classification:** Physics topics

Contribution ID: 9

Type: **not specified**

## Tutorial 1

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

**Session Classification:** CEPC computing

Contribution ID: **10**

Type: **not specified**

## Tutorial 2

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

**Session Classification:** CEPC computing

Contribution ID: **11**

Type: **not specified**

## Tutorial 3

**Presenters:** Dr LI, Gang; Dr RUAN, Manqi

**Session Classification:** CEPC computing

Contribution ID: 12

Type: **not specified**

## Tutorial 4

**Session Classification:** CEPC computing

Contribution ID: 13

Type: **not specified**

## Tutorial 5

**Presenter:** Dr LI, Gang

**Session Classification:** CEPC computing

Contribution ID: **14**

Type: **not specified**

## **Tutorial 6**

**Session Classification:** CEPC computing

Contribution ID: 15

Type: **not specified**

## Tutorial 7

**Session Classification:** CEPC computing



Contribution ID: **16**

Type: **not specified**

## **tutorial 8**

**Session Classification:** CEPC computing

Contribution ID: 17

Type: **not specified**

## **Introduction to CEPC project**

*Tuesday, 20 December 2016 10:00 (40 minutes)*

**Presenter:** RUAN, Manqi (Chinese Academy of Sciences (CN))

Contribution ID: **18**

Type: **not specified**

## **CEPC software and analysis**

*Tuesday, 20 December 2016 10:40 (1h 20m)*

**Presenter:** LI, Gang (Institute of high energy physics)

Contribution ID: **19**

Type: **not specified**

## **Exercise and Q&A**

*Tuesday, 20 December 2016 13:30 (2 hours)*