

# **The first IHEP-BINP CEPC Accelerator Collaboration Workshop**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## Welcome and Introduction

*Tuesday, 12 January 2016 09:00 (10 minutes)*

**Presenter:** Prof. XINCHOU LOU

**Session Classification:** Session I

Contribution ID: 1

Type: **not specified**

## **CEPC(SppC) accelerator design status and challenge (including the field of interested collaboration)**

*Tuesday, 12 January 2016 09:10 (30 minutes)*

**Presenter:** Prof. GAO, Jie (IHEP, CAS, Beijing)

**Session Classification:** Session I

Contribution ID: 2

Type: **not specified**

## **CEPC double ring scheme and CEPC crab-waist parameters**

*Tuesday, 12 January 2016 09:40 (20 minutes)*

**Presenters:** Dr WANG, Dou (IHEP); Mr SU, Feng (高能所)

**Session Classification:** Session I

Contribution ID: 3

Type: **not specified**

## **CEPC Final focus design and DA studies**

*Tuesday, 12 January 2016 10:00 (20 minutes)*

**Presenter:** Mr YIWEI WANG, Yi Wei (高能所)

**Session Classification:** Session I

Contribution ID: 4

Type: **not specified**

## **DA aperture optimization method study**

*Tuesday, 12 January 2016 10:40 (20 minutes)*

**Presenter:** Mr ZHANG, Yuan (IHEP, Beijing)

**Session Classification:** Session I

Contribution ID: 5

Type: **not specified**

## **Prezel scheme of CEPC**

*Tuesday, 12 January 2016 11:00 (20 minutes)*

**Presenter:** Ms GENG HUIPING, Huiping (高能所)

**Session Classification:** Session I

Contribution ID: 6

Type: **not specified**

## **CEPC booster design**

*Tuesday, 12 January 2016 11:20 (20 minutes)*

**Presenter:** Mr CUI, Xiaohao (Accelerator Center)

**Session Classification:** Session I



Contribution ID: 7

Type: **not specified**

## **CEPC Alternating field booster design**

*Tuesday, 12 January 2016 11:40 (20 minutes)*

**Presenter:** BIAN TIANJIAN

**Session Classification:** Session I

Contribution ID: 8

Type: **not specified**

## **MDI study for CEPC**

*Tuesday, 12 January 2016 13:30 (20 minutes)*

**Presenter:** Dr BAI, Sha (高能所)

**Session Classification:** Session II

Contribution ID: 9

Type: **not specified**

## **CEPC DA due to magnets' error**

*Tuesday, 12 January 2016 13:50 (20 minutes)*

**Presenter:** Dr BAI, Sha (高能所)

**Session Classification:** Session II

Contribution ID: **10**

Type: **not specified**

## **SppC lattice design**

*Tuesday, 12 January 2016 14:10 (20 minutes)*

**Presenter:** Mr SU, Feng (高能所)

**Session Classification:** Session II

Contribution ID: 11

Type: **not specified**

## **Beam-Beam Effects and Luminosity Optimization for e<sup>+</sup>e<sup>-</sup> Colliders at High Energies**

*Tuesday, 12 January 2016 14:30 (20 minutes)*

**Presenter:** DMITRY SHATLOV

**Session Classification:** Session II

Contribution ID: 12

Type: **not specified**

## **Optics and IR study for electron-positron Higgs factories**

*Tuesday, 12 January 2016 14:50 (20 minutes)*

**Presenter:** ANTON BOGOMYAGKOV

**Session Classification:** Session II

Contribution ID: 13

Type: **not specified**

## **MDI and head-on collision option for electron-positron Higgs factories**

*Tuesday, 12 January 2016 15:30 (20 minutes)*

**Presenter:** SERGEI SINYATKIN

**Session Classification:** Session II

Contribution ID: 14

Type: **not specified**

## **On denamic aperture study for high performance e+e- colliders**

*Tuesday, 12 January 2016 15:50 (20 minutes)*

**Presenter:** EUGENE LEVICHEV

**Session Classification:** Session II



Contribution ID: 15

Type: **not specified**

## **Energy calibration issues in electron-positron Higgs factories**

*Tuesday, 12 January 2016 16:10 (20 minutes)*

**Presenter:** IVAN KOO

**Session Classification:** Session II

Contribution ID: 16

Type: **not specified**

## **Beam energy calibration without polarization**

*Tuesday, 12 January 2016 16:30 (20 minutes)*

**Presenter:** NIKOLAY MUCHNOI

**Session Classification:** Session II

Contribution ID: 17

Type: **not specified**

## Discussion

*Tuesday, 12 January 2016 16:50 (30 minutes)*

**Session Classification:** Session II