

**The 1st CEPC International
Accelerator Review
Committee Meeting in 2022**

Report of Contributions

Contribution ID: 0

Type: **not specified**

Closed session (15')

Tuesday, 7 June 2022 15:00 (15 minutes)

Presenter: IARC MEMEBERS

Session Classification: IARC talk session 1

Contribution ID: 1

Type: **not specified**

Overview of CEPC R&D status for TDR

Tuesday, 7 June 2022 15:15 (30 minutes)

Presenter: Prof. GAO, Jie (IHEP)

Session Classification: IARC talk session 1

Contribution ID: 2

Type: **not specified**

The lattice and dynamic aperture optimization for collider

Tuesday, 7 June 2022 15:45 (30 minutes)

Presenter: Dr WANG, Yiwei (IHEP)

Session Classification: IARC talk session 1

Contribution ID: 3

Type: **not specified**

Boost lattice and error study

Tuesday, 7 June 2022 16:15 (30 minutes)

Presenter: Dr WANG, Dou (IHEP)

Session Classification: IARC talk session 1

Contribution ID: 4

Type: **not specified**

MDI study upgrade

Wednesday, 8 June 2022 17:00 (30 minutes)

Presenter: Dr BAI, Sha (高能所)

Session Classification: IARC talk session 2

Contribution ID: 5

Type: **not specified**

Impact of Beam-beam effect in CEPC

Tuesday, 7 June 2022 17:00 (30 minutes)

Presenter: Dr ZHANG, Yuan (IHEP, Beijing)

Session Classification: IARC talk session 1

Contribution ID: 6

Type: **not specified**

Collective instability and countermeasures to collider, booster and damping

Wednesday, 8 June 2022 17:30 (30 minutes)

Presenter: Ms WANG, Na (高能所)

Session Classification: IARC talk session 2

Contribution ID: 7

Type: **not specified**

Adjourn

Tuesday, 7 June 2022 18:30 (10 minutes)

Session Classification: IARC talk session 1

Contribution ID: 8

Type: **not specified**

Timing and bunch pattern for different operation energies and the relevant transporting beam line

Wednesday, 8 June 2022 18:00 (30 minutes)

Presenter: Mr 崔小昊, Xiaohao (Accelerator Center)

Session Classification: IARC talk session 2

Contribution ID: 9

Type: **not specified**

Road map for the plasma acceleration technology at CEPC

Friday, 10 June 2022 15:00 (30 minutes)

Presenter: Dr LI, Dazhang (IHEP)

Session Classification: IARC talk session 4

Contribution ID: **10**

Type: **not specified**

Polarization study for CEPC

Presenter: Dr DUAN, Zhe (高能所)

Contribution ID: 11

Type: **not specified**

Superconducting RF cavity development for the collider and booster

Tuesday, 7 June 2022 17:30 (30 minutes)

Presenter: Mr ZHAI, Jiyuan (IHEP)

Session Classification: IARC talk session 1

Contribution ID: 12

Type: **not specified**

P-band and C-band RF power source progress

Wednesday, 8 June 2022 16:15 (30 minutes)

Presenter: Dr ZHOU, Zusheng (IHEP)

Session Classification: IARC talk session 2

Contribution ID: 13

Type: **not specified**

Linac key technology and its prospect

Wednesday, 8 June 2022 15:45 (30 minutes)

Presenter: Ms 张, 敬如 (高能所)

Session Classification: IARC talk session 2

Contribution ID: 14

Type: **not specified**

Adjourn

Wednesday, 8 June 2022 18:30 (10 minutes)

Session Classification: IARC talk session 2

Contribution ID: 15

Type: **not specified**

Instrumentation and beam diagnostics

Thursday, 9 June 2022 16:00 (30 minutes)

Presenter: Dr SUI, Yanfeng (高能所)

Session Classification: IARC talk session 3

Contribution ID: 16

Type: **not specified**

Normal conducting magnets for booster and collider

Tuesday, 7 June 2022 18:00 (30 minutes)

Presenter: 杨梅

Session Classification: IARC talk session 1

Contribution ID: 17

Type: **not specified**

Pulse generator, septum and kicker for injection and extraction

Wednesday, 8 June 2022 15:15 (30 minutes)

Presenter: Dr CHEN, Jinhui (Institute of High Energy Physics)

Session Classification: IARC talk session 2

Contribution ID: **18**

Type: **not specified**

Mechanical system and MDI pipes, collimator and supporting structure

Thursday, 9 June 2022 16:45 (30 minutes)

Presenter: Dr 王海静, Haijing (高能所)

Session Classification: IARC talk session 3

Contribution ID: 19

Type: **not specified**

Vacuum system and the NEG coating to the narrow chamber

Thursday, 9 June 2022 17:15 (30 minutes)

Presenter: MA YONGSHENG (高能所)

Session Classification: IARC talk session 3

Contribution ID: 20

Type: **not specified**

Cryogenic System for CEPC

Thursday, 9 June 2022 15:30 (30 minutes)

Presenter: Mr 葛锐, Rui (IHEP)

Session Classification: IARC talk session 3

Contribution ID: **21**

Type: **not specified**

Adjourn

Thursday, 9 June 2022 18:15 (10 minutes)

Session Classification: IARC talk session 3

Contribution ID: 22

Type: **not specified**

High magnet field with high temperature superconducting technology

Thursday, 9 June 2022 15:00 (30 minutes)

Presenter: Dr XU, Qingjin (高能所)

Session Classification: IARC talk session 3

Contribution ID: 23

Type: **not specified**

Power source and electrostatic deflector

Presenter: Mr 陈斌, bin (高能所)

Contribution ID: 24

Type: **not specified**

Control system outlook

Friday, 10 June 2022 16:00 (30 minutes)

Presenter: Mr 李刚, gang (高能所)

Session Classification: IARC talk session 4

Contribution ID: 25

Type: **not specified**

Machine protection and beam dumps

Friday, 10 June 2022 16:45 (30 minutes)

Presenter: Mr TANG, Guangyi (IHEP)

Session Classification: IARC talk session 4

Contribution ID: 26

Type: **not specified**

Alignment R&D and installation strategy

Friday, 10 June 2022 17:15 (30 minutes)

Presenter: Mr WANG, Xiaolong (高能所)

Session Classification: IARC talk session 4

Contribution ID: 27

Type: **not specified**

Infrastructure and Auxiliary Facility

Friday, 10 June 2022 17:45 (30 minutes)

Presenter: Ms XIAO, Yu (Yellow River Engineering Consulting Co., Ltd)

Session Classification: IARC talk session 4

Contribution ID: 28

Type: **not specified**

Adjourn

Friday, 10 June 2022 18:15 (10 minutes)

Session Classification: IARC talk session 4

Contribution ID: 29

Type: **not specified**

Closed session(15')

Wednesday, 8 June 2022 15:00 (15 minutes)

Presenter: IARC MEMBERS

Session Classification: IARC talk session 2

Contribution ID: **30**

Type: **not specified**

Closed session(15')

Presenter: IARC MEMBERS

Contribution ID: **31**

Type: **not specified**

Closed session(15')

Presenter: IARC MEMBERS

Contribution ID: 32

Type: **not specified**

Discussions, additional Q&A

Presenter: ALL

Contribution ID: 33

Type: **not specified**

Closed session for document redaction

Friday, 17 June 2022 15:00 (2 hours)

Presenter: IARC MEMBERS

Session Classification: IARC Report

Contribution ID: 34

Type: **not specified**

Report presentation

Friday, 17 June 2022 17:00 (1 hour)

Presenter: ALL

Session Classification: IARC Report

Contribution ID: 35

Type: **not specified**

Adjourn

Friday, 17 June 2022 18:00 (10 minutes)

Session Classification: IARC Report

Contribution ID: 36

Type: **not specified**

Power source and electrostatic deflector

Thursday, 9 June 2022 17:45 (30 minutes)

Presenter: Mr 陈斌, bin (高能所)

Session Classification: IARC talk session 3

Contribution ID: 37

Type: **not specified**

Polarization study for CEPC

Friday, 10 June 2022 15:30 (30 minutes)

Presenter: Dr DUAN, Zhe (高能所)

Session Classification: IARC talk session 4