

# **CEPC Calorimeter Weekly Meeting on R&D activities**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## News

*Friday, 12 July 2024 10:00 (5 minutes)*

**Presenters:** YANG, Haijun (Shanghai Jiao Tong University); LIU, Jianbei (University of Science and Technology of China); LIU, Yong (Institute of High Energy Physics)

Contribution ID: 3

Type: **not specified**

## Minutes

*Friday, 12 July 2024 11:28 (2 minutes)*

Contribution ID: 6

Type: **not specified**

**AOB**

*Friday, 12 July 2024 11:25 (3 minutes)*

Contribution ID: 8

Type: **not specified**

## **(Invited) Talk on selected R&D topics: ScW-ECAL performance with CERN beamtest data**

*Friday, 12 July 2024 10:05 (40 minutes)*

**Presenters:** WANG, Jiaxuan (University of Science and Technology of China); MURATA, Tatsuki (The University of Tokyo)

**Session Classification:** Talk on selected topics of CEPC calorimetry R&D

Contribution ID: 9

Type: **not specified**

## Status on ScW-ECAL prototype beamtest studies

*Friday, 12 July 2024 10:45 (10 minutes)*

Focusing on ScW-ECAL prototype beamtest data, including calibration, reconstruction, simulation (+digitisation), shower profile and PID studies

**Presenters:** WANG, Jiaxuan (University of Science and Technology of China); MURATA, Tatsuki (The University of Tokyo)

**Session Classification:** Status updates on CEPC calorimetry R&D activities

Contribution ID: **10**

Type: **not specified**

## Status on crystal calorimeter R&D

*Friday, 12 July 2024 11:05 (10 minutes)*

Focusing on crystal calorimeter R&D, including hardware developments, beamtest data analysis, simulation (+digitisation), reconstruction and PFA studies.

**Presenters:** QI, Baohua (IHEP); GUO, Fangyi; ZHAO, Zhiyu (TDLI/SJTU)

**Session Classification:** Status updates on CEPC calorimetry R&D activities

Contribution ID: 11

Type: **not specified**

## Status on AHCAL prototype beamtest studies

*Friday, 12 July 2024 10:55 (10 minutes)*

Focusing on ACAL prototype beamtest data, including calibration, reconstruction, simulation (+digitisation), shower profile and PID studies

**Presenters:** DU, Dejing (IHEP); MASUDA, Ryunosuke (The University of Tokyo); SONG, Siyuan (Shanghai Jiao Tong University); XIA, Xin (IHEP); ZHAO, Zhiyu (TDLI/SJTU); 刁, 洪滨 (中国科学技术大学)

**Session Classification:** Status updates on CEPC calorimetry R&D activities



Contribution ID: 12

Type: **not specified**

## Status on glass calorimeter R&D

*Friday, 12 July 2024 11:15 (10 minutes)*

Focusing on glass calorimeter R&D, including hardware developments, beamtest data analysis, simulation (+digitisation), and PFA studies.

**Presenters:** DU, Dejing (IHEP); HU, Peng (IHEP)

**Session Classification:** Status updates on CEPC calorimetry R&D activities