

# **2019-2020 CGEM software meeting**

## **Report of Contributions**

Contribution ID: 0

Type: **not specified**

## alignment

*Monday, 18 March 2019 10:40 (20 minutes)*

**Presenters:** Dr GUO, Aiqiang (IHEP CAS); ZHAO JINGYI, Jingyi (高能所); Dr WU, Linghui (IHEP)

**Session Classification:** Calibration & alignment

Contribution ID: 1

Type: **not specified**

## CGEM Geometry

*Monday, 18 March 2019 08:00 (20 minutes)*

**Presenters:** GARZIA, Isabella (高能所); LAVEZZI, Lia (IHEP and INFN Torino); LAVEZZI, Lia (高能所); Dr WANG, Liangliang (Institute of High Energy Physics (Beijing))

**Session Classification:** Simulation

Contribution ID: 2

Type: **not specified**

## Digitization

*Monday, 18 March 2019 09:00 (20 minutes)*

**Presenters:** Dr GUO, Aiqiang (Indiana University); ZHAO JINGYI, Jingyi (高能所); LAVEZZI, Lia (高能所); LAVEZZI, Lia (IHEP and INFN Torino); Dr WU, Linghui (IHEP)

**Session Classification:** Simulation

Contribution ID: 3

Type: **not specified**

## Cluster reconstruction

*Monday, 18 March 2019 09:40 (20 minutes)*

**Presenters:** Prof. LIU, Beijiang (高能所); LAVEZZI, Lia (IHEP and INFN Torino); Dr WANG, Liangliang (Institute of High Energy Physics (Beijing)); Mr FARINELLI, Riccardo (INFN Sezione di Ferrara); 陆小玲 (高能所)

**Session Classification:** Reconstruction

Contribution ID: 4

Type: **not specified**

## Track finding/fitting

*Monday, 18 March 2019 10:00 (20 minutes)*

**Presenters:** Dr WANG, Liangliang (Institute of High Energy Physics (Beijing)); 黄, 震 (高能所)

**Session Classification:** Reconstruction

Contribution ID: 6

Type: **not specified**

## **calibration (offline)**

*Monday, 18 March 2019 11:00 (20 minutes)*

**Presenter:** Dr WU, Linghui (IHEP)

**Session Classification:** Calibration & alignment

Contribution ID: 7

Type: **not specified**

## Benchmark channels (to be subdivided)

*Monday, 18 March 2019 12:00 (20 minutes)*

**Presenters:** GARZIA, Isabella (高能所); WEIDENKAFF, Peter (Institute of Nuclear Physics, Johannes-Gutenberg University)

**Session Classification:** Benchmark channels analysis



Contribution ID: 8

Type: **not specified**

## Beam background simulation

*Monday, 18 March 2019 11:40 (20 minutes)*

**Presenter:** WEIDENKAFF, Peter (Institute of Nuclear Physics, Johannes-Gutenberg University)

**Session Classification:** Benchmark channels analysis

Contribution ID: **10**

Type: **not specified**

## **Fast simulation of TIGER response in digitization**

*Monday, 18 March 2019 09:40 (20 minutes)*

**Presenter:** ZHAO JINGYI, Jingyi (高能所)

**Session Classification:** Simulation

Contribution ID: 11

Type: **not specified**

## **TIGER response modeling and calibration**

*Monday, 18 March 2019 09:20 (20 minutes)*

**Presenter:** COSSIO, Fabio (INFN-Torino)

**Session Classification:** Simulation

Contribution ID: 12

Type: **not specified**

## Material effects on TOF/EMC

*Monday, 18 March 2019 08:40 (20 minutes)*

**Presenters:** Dr WANG, Liangliang (Institute of High Energy Physics (Beijing)); LIU CHUNXIU (高能所); Ms WEN, Shuopin (IHEP)

**Session Classification:** Simulation

Contribution ID: **13**

Type: **not specified**

## **analysis at strips level**

*Monday, 18 March 2019 12:40 (20 minutes)*

**Presenters:** ZHAO JINGYI, Jingyi (高能所); Dr WU, Linghui (IHEP); IMOEHL, William (Indiana University)

**Session Classification:** Cosmic-ray analysis with CgemBoss

Contribution ID: 14

Type: **not specified**

## analysis at cluster level

*Monday, 18 March 2019 13:20 (20 minutes)*

**Presenters:** WANG, Hongpeng (IHEP); LAVEZZI, Lia (IHEP and INFN Torino)

**Session Classification:** Cosmic-ray analysis with CgemBoss

Contribution ID: 15

Type: **not specified**

## **Straight line finding and fitting**

*Monday, 18 March 2019 13:40 (20 minutes)*

**Presenter:** WANG, Hongpeng (IHEP)

**Session Classification:** Cosmic-ray analysis with CgemBoss

Contribution ID: **16**

Type: **not specified**

## **Status and plan of cosmic ray data analysis**

*Monday, 18 March 2019 14:00 (20 minutes)*

**Presenter:** Dr WU, Linghui (IHEP)

**Session Classification:** Cosmic-ray analysis with CgemBoss



Contribution ID: 17

Type: **not specified**

## Material budget

*Monday, 18 March 2019 08:20 (20 minutes)*

**Presenters:** GARZIA, Isabella (高能所); SHI, RongSheng; HOU, Ying-Rui (University of Chinese Academy of Sciences)

**Session Classification:** Simulation

Contribution ID: **18**

Type: **not specified**

## **signal propagation time along strips**

*Monday, 18 March 2019 13:00 (20 minutes)*

**Presenter:** IMOEHL, William (Indiana University)

**Session Classification:** Cosmic-ray analysis with CgemBoss

Contribution ID: **19**

Type: **not specified**

## **talk**

*Monday, 18 March 2019 14:20 (20 minutes)*

**Presenter:** Prof. SPATARO, Stefano (Università di Torino and INFN)

**Session Classification:** Cosmic-ray analysis with CgemBoss