

E-JADE AHCAL Tokyo analysis workshop

Report of Contributions

Contribution ID: 1

Type: **not specified**

Welcome

Monday 6 August 2018 10:00 (30 minutes)

Presenter: OOTANI, Wataru (ICEPP, Univ. of Tokyo)

Session Classification: Day 1

Contribution ID: 2

Type: **not specified**

Code management

Monday 6 August 2018 10:30 (30 minutes)

Presenter: GRAF, Christian (Max Planck Institute for Physics)

Session Classification: Day 1

Contribution ID: 3

Type: **not specified**

Simulation and Database

Monday 6 August 2018 14:00 (30 minutes)

Presenter: TRAN HUONG, Lan

Session Classification: Day 1

Contribution ID: 4

Type: **not specified**

How to do a testbeam data analysis

Tuesday 7 August 2018 09:30 (30 minutes)

Presenters: SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); KRUEGER, Katja (DESY); KRUEGER, Katja (Universität Heidelberg)

Session Classification: Day 2

Contribution ID: 5

Type: **not specified**

Content of the root tree

Tuesday 7 August 2018 10:30 (30 minutes)

Presenter: HUCK, Saiva (Uni Hamburg)

Session Classification: Day 2

Contribution ID: 6

Type: **not specified**

LED analysis, gain calibration

Tuesday 7 August 2018 14:00 (30 minutes)

Presenter: PINTO, Olin (DESY)

Session Classification: Day 2

Contribution ID: 7

Type: **not specified**

MIP calibration

Wednesday 8 August 2018 16:00 (30 minutes)

Presenter: HEUCHEL, Daniel (DESY)

Session Classification: Day 3

Contribution ID: 8

Type: **not specified**

Calibration of the Tokyo module

Wednesday 8 August 2018 14:00 (30 minutes)

Presenter: TSUJI, Naoki (Uni Tokyo)

Session Classification: Day 3

Contribution ID: 9

Type: **not specified**

temperature compensation, HG/LG intercalibration

Wednesday 8 August 2018 09:30 (30 minutes)

Presenter: SUDO, Yuji (DESY)

Session Classification: Day 3

Contribution ID: **10**

Type: **not specified**

Timing calibration and analysis

Thursday 9 August 2018 10:00 (30 minutes)

Presenter: EMBERGER, Lorenz (Max Plack Institute for Physics)

Session Classification: Day 4

Contribution ID: **11**

Type: **not specified**

Synchronisation with the wire chamber data

Thursday 9 August 2018 11:00 (30 minutes)

Presenter: Mr LIU, Linghui (The University of Tokyo)

Session Classification: Day 4

Contribution ID: 12

Type: **not specified**

Event classification: e/mu/pi separation

Thursday 9 August 2018 14:00 (30 minutes)

Presenter: BOCHARNIKOV, Vladimir (LPI, DESY)

Session Classification: Day 4

Contribution ID: **13**

Type: **not specified**

Electron data quality checks

Friday 10 August 2018 09:30 (30 minutes)

Presenter: ELKHALII, Amine

Session Classification: Day 5

Contribution ID: 14

Type: **not specified**

Electrons with and without power pulsing

Friday 10 August 2018 11:00 (30 minutes)

Presenter: ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz)

Session Classification: Day 5

Contribution ID: 15

Type: **not specified**

Pion data quality checks

Friday 10 August 2018 14:00 (30 minutes)

Presenter: BUHMANN, Erik (University of Hamburg)

Session Classification: Day 5

Contribution ID: 16

Type: **not specified**

Machine learning (bonus feature)

Friday 10 August 2018 16:00 (30 minutes)

Presenter: BUHMANN, Erik (University of Hamburg)

Session Classification: Day 5

Contribution ID: 17

Type: **not specified**

AHCAL weekly

Tuesday 7 August 2018 17:00 (1 hour)

Session Classification: Day 2

Contribution ID: **18**

Type: **not specified**

Analysis of Tailcatcher data

Thursday 9 August 2018 15:00 (30 minutes)

Presenter: TORIMARU, Tatsuro (The University of Tokyo)

Session Classification: Day 4

Contribution ID: **19**

Type: **not specified**

Intermediate Wrap-up and To-do

Friday 10 August 2018 17:00 (30 minutes)

Presenter: KRUEGER, Katja (DESY)

Session Classification: Day 5

Contribution ID: 20

Type: **not specified**

Upload area

Monday 13 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Planck Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva (Uni Hamburg); TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: **21**

Type: **not specified**

AHCAL meeting

Tuesday 14 August 2018 17:00 (30 minutes)

Contribution ID: 22

Type: **not specified**

Upload area

Tuesday 14 August 2018 17:30 (1 minute)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Planck Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 23

Type: **not specified**

Upload area

Wednesday 15 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Plack Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 24

Type: **not specified**

Upload area

Thursday 16 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Planck Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 25

Type: **not specified**

Upload area

Friday 17 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Planck Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 26

Type: **not specified**

Upload area

Monday 20 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Plack Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 27

Type: **not specified**

Upload area

Tuesday 21 August 2018 17:30 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Plack Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: **28**Type: **not specified**

Upload area

Wednesday 22 August 2018 17:00 (20 minutes)

Presenters: ELKHALIL, Amine; ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz); GRAF, Christian (Max Planck Institute for Physics); HEUCHEL, Daniel (DESY); BUHMANN, Erik (University of Hamburg); SEFKOW, Felix (Deutsches Elektronen-Synchrotron (DE)); Mr LIU, Linghui (The University of Tokyo); EMBERGER, Lorenz (Max Plack Institute for Physics); Mr TSUJI, Naoki (The University of Tokyo); PINTO, Olin; HUCK, Saiva; TORIMARU, Tatsuro (The University of Tokyo); BOCHARNIKOV, Vladimir (LPI, DESY); OOTANI, Wataru (ICEPP, Univ. of Tokyo); SUDO, Yuji (DESY)

Contribution ID: 29

Type: **not specified**

Preparation of follow-up workshop

Saturday 25 August 2018 10:00 (1 hour)

Contribution ID: **30**

Type: **not specified**

AHCAL weekly meeting

Tuesday 21 August 2018 17:00 (30 minutes)

Contribution ID: **31**

Type: **not specified**

Timing in data

Thursday 23 August 2018 17:00 (15 minutes)

Presenter: EMBERGER, Lorenz (Max Plack Institute for Physics)

Session Classification: Summary

Contribution ID: **32**

Type: **not specified**

Timing in simulation

Thursday 23 August 2018 17:30 (15 minutes)

Presenter: GRAF, Christian (Max Planck Institute for Physics)

Session Classification: Summary

Contribution ID: 33

Type: **not specified**

RootTreeWriter and Simulation studies

Thursday 23 August 2018 18:00 (15 minutes)

Presenter: HUCK, Saiva

Session Classification: Summary

Contribution ID: 34

Type: **not specified**

Data quality checks for pions

Friday 24 August 2018 16:00 (15 minutes)

Presenter: BUHMANN, Erik (University of Hamburg)

Session Classification: Summary

Contribution ID: 35

Type: **not specified**

Data quality checks for electrons

Friday 24 August 2018 16:30 (15 minutes)

Presenter: ELKHALII, Amine

Session Classification: Summary

Contribution ID: 36

Type: **not specified**

AT pedestal and MIP

Friday 24 August 2018 09:30 (15 minutes)

Presenter: HEUCHEL, Daniel (DESY)

Session Classification: Summary

Contribution ID: 37

Type: **not specified**

ET pedestal and gain calibration

Friday 24 August 2018 10:00 (15 minutes)

Presenter: PINTO, Olin

Session Classification: Summary

Contribution ID: **38**

Type: **not specified**

Temperature compensation and HG/LG intercalibration

Friday 24 August 2018 10:30 (15 minutes)

Presenter: SUDO, Yuji (DESY)

Session Classification: Summary

Contribution ID: 39

Type: **not specified**

Temperature measurement and electrons with and without PP

Friday 24 August 2018 11:00 (15 minutes)

Presenter: ROSMANITZ, Anna (Johannes Gutenberg-Universität Mainz)

Session Classification: Summary

Contribution ID: 40

Type: **not specified**

Wire chamber data

Friday 24 August 2018 11:30 (15 minutes)

Presenter: Mr LIU, Linghui (The University of Tokyo)

Session Classification: Summary

Contribution ID: 41

Type: **not specified**

Tokyo module and pions with and without PP

Friday 24 August 2018 14:00 (15 minutes)

Presenter: Mr TSUJI, Naoki (The University of Tokyo)

Session Classification: Summary

Contribution ID: 42

Type: **not specified**

Event display and Tail catcher analysis

Friday 24 August 2018 14:30 (15 minutes)

Presenter: TORIMARU, Tatsuro (The University of Tokyo)

Session Classification: Summary

Contribution ID: 43

Type: **not specified**

PID as marlin processor

Friday 24 August 2018 15:00 (15 minutes)

Presenter: BOCHARNIKOV, Vladimir (LPI, DESY)

Session Classification: Summary