

IceCube Calibration Workshop 2017

Report of Contributions

Contribution ID: 1

Type: **not specified**

introduction

Monday, 31 July 2017 09:00 (15 minutes)

Presenters: MASE, Keiichi (o=chiba,ou=Institutions,dc=icecube,dc=wisc,dc=edu); BLOT, Summer (o=desy-zeuthen,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Ice day

Contribution ID: 2

Type: **not specified**

Ice model with flasher unfolding

Monday, 31 July 2017 09:15 (45 minutes)

Presenter: CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Ice day

Contribution ID: 3

Type: **not specified**

Ice Uncertainty in spice3.2 - discussion

Monday, 31 July 2017 10:00 (45 minutes)

Presenters: CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu); RONGEN, Martin (o=rwth,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Ice day

Contribution ID: 4

Type: **not specified**

Low brightness flasher data

Monday, 31 July 2017 11:00 (30 minutes)

Presenter: NAKARMI, Prabandha (o=ua,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Ice day

Contribution ID: 5

Type: **not specified**

Flasher studies

Monday, 31 July 2017 11:30 (30 minutes)

Presenters: HANLEY, Madeleine (o=uwrf,ou=Institutions,dc=icecube,dc=wisc,dc=edu); PHUNG, Quang (o=uwrf,ou=Institutions,dc=icecube,dc=wisc,dc=edu); SEUNARINE, Suruj (o=uwrf,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Ice day

Contribution ID: 6

Type: **not specified**

Discussion

Monday, 31 July 2017 12:00 (20 minutes)

Session Classification: Ice day

Contribution ID: 7

Type: **not specified**

Ice anisotropy with flasher data

Tuesday, 1 August 2017 09:00 (30 minutes)

Presenter: RONGEN, Martin (o=rwth,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More ice day

Contribution ID: 8

Type: **not specified**

Ice anisotoropy with muons

Tuesday, 1 August 2017 09:30 (30 minutes)

Presenter: LUSZCZAK, William (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More ice day

Contribution ID: 9

Type: **not specified**

Hole ice with neutrino-induced muons

Tuesday, 1 August 2017 10:00 (30 minutes)

Presenter: Mr NEER, Garrett (Michigan State University)

Session Classification: More ice day

Contribution ID: **10**

Type: **not specified**

Status/future of SPICE HD

Tuesday, 1 August 2017 10:45 (30 minutes)

Presenter: RONGEN, Martin (o=rwth,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More ice day

Contribution ID: 11

Type: **not specified**

Status/future of DARD

Tuesday, 1 August 2017 11:15 (15 minutes)

Presenter: RONGEN, Martin (o=rwth,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More ice day

Contribution ID: 12

Type: **not specified**

Effect of hole ice on MESE analysis

Tuesday, 1 August 2017 11:30 (15 minutes)

Presenter: WANDKOWSKY, Nancy (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More ice day

Contribution ID: 13

Type: **not specified**

Discussion

Tuesday, 1 August 2017 12:00 (30 minutes)

Session Classification: More ice day

Contribution ID: 14

Type: **not specified**

Absolute DOM efficiency with muons

Wednesday, 2 August 2017 09:00 (30 minutes)

Presenter: SANCHEZ, Sebastian (o=alberta,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: DOM day

Contribution ID: 15

Type: **not specified**

Absolute DOM efficiency with up-going muons

Wednesday, 2 August 2017 09:30 (30 minutes)

Presenter: MANCINA, Sarah (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: DOM day

Contribution ID: 16

Type: **not specified**

Absolute DOM efficiency with neutrino-induced muons

Wednesday, 2 August 2017 10:00 (30 minutes)

Presenter: Mr NEER, Garrett (Michigan State University)

Session Classification: DOM day

Contribution ID: 17

Type: **not specified**

Relative DOM efficiency with muons

Wednesday, 2 August 2017 10:45 (30 minutes)

Presenter: BOURBEAU, Etienne (o=nbi,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: DOM day

Contribution ID: **18**

Type: **not specified**

Cable shadow and DOM tilt

Wednesday, 2 August 2017 11:15 (30 minutes)

Presenter: CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: DOM day

Contribution ID: **19**

Type: **not specified**

DOM corssing muons

Wednesday, 2 August 2017 11:45 (30 minutes)

Presenter: Prof. WILLIAMS, Dawn (University of Alabama)

Session Classification: DOM day

Contribution ID: **20**

Type: **not specified**

Discussion

Wednesday, 2 August 2017 12:15 (15 minutes)

Session Classification: DOM day

Contribution ID: 21

Type: **not specified**

Detail of PPC and the new features

Thursday, 3 August 2017 11:00 (1 hour)

Presenter: CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More DOM and Software

Contribution ID: 22

Type: **not specified**

Clsim and discussion

Thursday, 3 August 2017 12:00 (20 minutes)

Session Classification: More DOM and Software

Contribution ID: 23

Type: **not specified**

Discussion about photo-spline table

Contribution ID: 24

Type: **not specified**

Individual SPE distribution for simulation

Thursday, 3 August 2017 09:00 (30 minutes)

Presenter: AXANI, Spencer (o=mit,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More DOM and Software

Contribution ID: 25

Type: **not specified**

Swedish camera simulation

Thursday, 3 August 2017 10:00 (30 minutes)

Presenter: ROTT, Carsten (Sungkyunkwan University)

Session Classification: More DOM and Software

Contribution ID: 26

Type: **not specified**

Results of Fermi lab measurements

Thursday, 3 August 2017 09:30 (30 minutes)

Presenter: MANDALIA, Shivesh (o=research,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: More DOM and Software

Contribution ID: 27

Type: **not specified**

Discussion about the new ice model

Contribution ID: 28

Type: **not specified**

Improvement of cascade reconstruction by better knowledge of detector and ice

Friday, 4 August 2017 09:10 (30 minutes)

Presenter: YUAN, Tianlu (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Impact on analysis

Contribution ID: 29

Type: **not specified**

Hyperplane parameterisation of ice model & DOM efficiency uncertainties for LowEn

Friday, 4 August 2017 10:10 (30 minutes)

Primary author: ELLER, Philipp (o=psu,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Impact on analysis

Contribution ID: **30**

Type: **not specified**

Impact of uncertainties for the low energy analysis

Friday, 4 August 2017 09:40 (30 minutes)

Primary author: BLOT, Summer (o=desy-zeuthen,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Impact on analysis

Contribution ID: **31**

Type: **not specified**

Discussion about paper / document (everybody)

Friday, 4 August 2017 10:55 (30 minutes)

Session Classification: Impact on analysis

Contribution ID: 32

Type: **not specified**

Summary of the workshop

Friday, 4 August 2017 11:25 (1h 5m)

Presenters: MASE, Keiichi (o=chiba,ou=Institutions,dc=icecube,dc=wisc,dc=edu); BLOT, Summer (o=desy-zeuthen,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Impact on analysis

Contribution ID: **33**

Type: **not specified**

Coffee

Contribution ID: **34**

Type: **not specified**

Coffee

Contribution ID: 35

Type: **not specified**

Group Photo!

Contribution ID: **36**

Type: **not specified**

Effect of hole ice on cascade analysis

Tuesday, 1 August 2017 11:45 (15 minutes)

Presenter: Mr NIEDERHAUSEN, Hans (Stony Brook Univ.)

Session Classification: More ice day

Contribution ID: 37

Type: **not specified**

Re-analysis of the single LED data

Friday, 4 August 2017 09:00 (10 minutes)

Presenter: CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Impact on analysis

Contribution ID: **38**

Type: **not specified**

More Donuts in the World of Physics

Wednesday, 2 August 2017 12:30 (20 minutes)

x

Session Classification: Lunch