

IceCube Bootcamp: Summer 2019

Report of Contributions

Contribution ID: 0

Type: **not specified**

Welcome and Introduction

Contribution ID: 1

Type: **not specified**

IceCube Science

Contribution ID: 2

Type: **not specified**

IceCube in MMA

Contribution ID: **3**

Type: **not specified**

IceCube Detector

Contribution ID: 4

Type: **not specified**

Computer Setup

Contribution ID: 5

Type: **not specified**

Intro to Python

Contribution ID: 6

Type: **not specified**

Advanced Plotting

Contribution ID: 7

Type: **not specified**

IceTray

Contribution ID: 8

Type: **not specified**

IceCube Science

Monday, 10 June 2019 09:05 (30 minutes)

Presenter: KARLE, Albrecht (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 9

Type: **not specified**

IceCube in MMA

Monday, 10 June 2019 09:35 (30 minutes)

Presenter: PARK, Nahee (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: **10**

Type: **not specified**

IceCube Detector

Monday, 10 June 2019 10:35 (30 minutes)

Presenter: KELLEY, John (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 11

Type: **not specified**

Triggering and Filtering

Monday, 10 June 2019 16:30 (1 hour)

Presenter: KELLEY, John (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software

Contribution ID: 12

Type: **not specified**

Event Reconstruction

Tuesday, 11 June 2019 09:30 (30 minutes)

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

Session Classification: IceCube Software

Contribution ID: 13

Type: **not specified**

Intro to Ictray

Tuesday, 11 June 2019 10:30 (1h 30m)

Presenter: Dr OLIVAS, Alex (o=umd,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software

Contribution ID: 14

Type: **not specified**

Calibration and Flasher

Tuesday, 11 June 2019 13:30 (2 hours)

Presenters: Prof. WILLIAMS, Dawn (o=ua,ou=Institutions,dc=icecube,dc=wisc,dc=edu); CHIRKIN, Dmitry (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software

Contribution ID: 15

Type: **not specified**

Calibration II

Tuesday, 11 June 2019 16:00 (30 minutes)

Presenter: Prof. WILLIAMS, Dawn (o=ua,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software

Contribution ID: 16

Type: **not specified**

I3File Tools and Visualization

Tuesday, 11 June 2019 16:30 (1 hour)

Presenter: Mr MEAGHER, Kevin (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software

Contribution ID: 17

Type: **not specified**

Computer Setup

Monday, 10 June 2019 11:05 (55 minutes)

Presenter: COMERFORD, Dennis (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: General Computing

Contribution ID: **18**

Type: **not specified**

Intro to Python

Monday, 10 June 2019 13:30 (2 hours)

Presenter: LEONARD, Kayla (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: General Computing

Contribution ID: 19

Type: **not specified**

Neutrino Physics

Monday, 10 June 2019 16:00 (30 minutes)

Presenter: HUSSAIN, Raamis (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 20

Type: **not specified**

Radio Detection of Neutrinos

Tuesday, 11 June 2019 09:00 (20 minutes)

Presenter: KARLE, Albrecht (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 21

Type: **not specified**

IceCube Gen2

Wednesday, 12 June 2019 09:00 (30 minutes)

Presenter: HANSON, Kael (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 22

Type: **not specified**

CTA and IACT

Wednesday, 12 June 2019 09:30 (30 minutes)

Presenter: MODE, Brent (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Science

Contribution ID: 23

Type: **not specified**

Distributed Computing

Wednesday, 12 June 2019 10:30 (1h 30m)

Presenter: Mr MEAGHER, Kevin (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: General Computing

Contribution ID: 24

Type: **not specified**

Intro to Statistics

Wednesday, 12 June 2019 13:30 (2 hours)

Presenters: MANCINA, Sarah (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu); LUSZCZAK, William (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: 25

Type: **not specified**

Frequentist and Bayesian Methods

Wednesday, 12 June 2019 13:30 (2 hours)

Presenter: SCHNEIDER, Austin (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: 26

Type: **not specified**

Software Best Practices

Wednesday, 12 June 2019 17:00 (30 minutes)

Presenter: Dr OLIVAS, Alex (o=umd,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: General Computing

Contribution ID: 27

Type: **not specified**

Analyses in IceCube

Thursday, 13 June 2019 09:00 (1 hour)

Presenter: LEONARD, Kayla (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: 28

Type: **not specified**

Point Sources I

Thursday, 13 June 2019 10:30 (1h 30m)

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

Session Classification: Analysis

Contribution ID: 29

Type: **not specified**

Point Sources II

Thursday, 13 June 2019 13:30 (2 hours)

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

Session Classification: Analysis

Contribution ID: **30**

Type: **not specified**

Presentation Best Practices

Thursday, 13 June 2019 16:00 (1h 30m)

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

Session Classification: Analysis

Contribution ID: 31

Type: **not specified**

Event Selections and Machine Learning

Friday, 14 June 2019 09:00 (1 hour)

Presenters: PIZZUTO, Alex (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu); SILVA, Manuel (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: 33

Type: **not specified**

Diffuse II

Friday, 14 June 2019 13:30 (2 hours)

Presenters: SAFA, Ibrahim (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu); SILVA, Manuel (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: **34**

Type: **not specified**

Presentations

Friday, 14 June 2019 16:00 (1h 30m)

Session Classification: Analysis

Contribution ID: 35

Type: **not specified**

Diffuse I

Friday, 14 June 2019 11:00 (1 hour)

Presenters: SAFA, Ibrahim (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu); SILVA, Manuel (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: Analysis

Contribution ID: 36

Type: **not specified**

Simulation and Weighting

Wednesday, 12 June 2019 16:00 (1 hour)

Presenter: DESIATI, Paolo (o=uwmad,ou=Institutions,dc=icecube,dc=wisc,dc=edu)

Session Classification: IceCube Software