

Water Cherenkov Test Experiment Meeting

Report of Contributions

Contribution ID: 1

Type: **not specified**

WCTE Simulation Summary

Friday 20 January 2023 15:50 (20 minutes)

Presenter: ANTHONY, Lauren (Imperial College (GB))

Session Classification: Physics and Software

Contribution ID: 2

Type: **not specified**

WCTE Machine Learning Status

Friday 20 January 2023 16:10 (20 minutes)

Presenter: RENNER, Josh

Session Classification: Physics and Software

Contribution ID: 3

Type: **not specified**

WCTE Physics Summary

Friday 20 January 2023 16:30 (40 minutes)

Presenter: KONAKA, Akira

Session Classification: Physics and Software

Contribution ID: 4

Type: **not specified**

Warsaw Mechanical Tests and Preparation

Thursday 19 January 2023 14:00 (20 minutes)

Presenter: DYGNAROWICZ, Krzysztof (Warsaw University of Technology)

Session Classification: Multi-PMTs

Contribution ID: 5

Type: **not specified**

Warsaw Electronics Testing, Design and Schedule

Thursday 19 January 2023 14:20 (25 minutes)

Presenter: ZIEMBICKI, Marcin (Warsaw University of Technology (PL))

Session Classification: Multi-PMTs

Contribution ID: 6

Type: **not specified**

TRIUMF Mechanical Design Update

Thursday 19 January 2023 14:45 (20 minutes)

Presenter: GOLA, Mohit (University of Delhi (IN))

Session Classification: Multi-PMTs

Contribution ID: 7

Type: **not specified**

TRIUMF Electronics and Overall Schedule

Thursday 19 January 2023 15:05 (25 minutes)

Presenter: LINDNER, Thomas Hermann (TRIUMF (CA))

Session Classification: Multi-PMTs

Contribution ID: 8

Type: **not specified**

Overview and Beam Request

Thursday 19 January 2023 16:20 (40 minutes)

Presenter: KONAKA, Akira

Session Classification: Beam and Beam Tests

Contribution ID: 9

Type: **not specified**

Status of the Aerogel Cherenkov

Thursday 19 January 2023 17:00 (15 minutes)

Presenter: YOUSEFNEJAD, sirous (Universit of Regina)

Session Classification: Beam and Beam Tests

Contribution ID: **10**

Type: **not specified**

Status of the TOF counters

Thursday 19 January 2023 17:15 (15 minutes)

Presenter: KOERICH, Luan

Session Classification: Beam and Beam Tests

Contribution ID: **11**

Type: **not specified**

Discussion and Planning

Session Classification: Beam and Beam Tests

Contribution ID: 12

Type: **not specified**

Status and Overview

Wednesday 18 January 2023 14:30 (10 minutes)

Presenters: Prof. GARDE, Chandrashekhar (Vishwakarma Institute Of Information Technology); FERNÁNDEZ MENÉNDEZ, Pablo

Session Classification: Mechanical Systems

Contribution ID: 13

Type: **not specified**

Final design of WCTE and integration

Wednesday 18 January 2023 14:40 (27 minutes)

Presenter: JAGTAP, Siddhant (Vishwakarma Institute Of Information Technology)

Session Classification: Mechanical Systems

Contribution ID: 14

Type: **not specified**

Assembly procedure and schedule

Wednesday 18 January 2023 15:07 (28 minutes)

Presenter: SHARMA, Nayan (Vishwakarma Institute Of Information Technology)

Session Classification: Mechanical Systems

Contribution ID: **15**

Type: **not specified**

CDS

Wednesday 18 January 2023 15:35 (25 minutes)

Presenter: JEREMY, Oliver John (Imperial College (GB))

Session Classification: Mechanical Systems

Contribution ID: **16**

Type: **not specified**

Construction schedule

Wednesday 18 January 2023 16:00 (15 minutes)

Presenters: TABOADA, Alejandro (DIPC); PELEGRIN, Jorge (DIPC-Laboratorio Subterráneo Canfranc)

Session Classification: Mechanical Systems

Contribution ID: 17

Type: **not specified**

Beamline extension

Wednesday 18 January 2023 16:15 (15 minutes)

Presenter: PELEGRIN, Jorge (DIPC-Laboratorio Subterráneo Canfranc)

Session Classification: Mechanical Systems

Contribution ID: **18**

Type: **not specified**

SKG4

Tuesday 17 January 2023 15:00 (30 minutes)

Author: LI, Xiaoyue (TRIUMF)

Co-author: TSUI, Ka Ming (Kavli IPMU, University of Tokyo)

Presenters: TSUI, Ka Ming (Kavli IPMU, University of Tokyo); LI, Xiaoyue (TRIUMF)

Session Classification: Physics and Software

Contribution ID: **19**

Type: **not specified**

HKG4Sim

Tuesday 17 January 2023 15:30 (30 minutes)

Presenter: DEALTRY, Thomas

Session Classification: Physics and Software

Contribution ID: **20**

Type: **not specified**

WCSim

Tuesday 17 January 2023 16:00 (30 minutes)

Presenter: ANTHONY, Lauren (Imperial College (GB))

Session Classification: Physics and Software

Contribution ID: 21

Type: **not specified**

WCSim for radioactive sources

Tuesday 17 January 2023 16:30 (30 minutes)

Presenter: RENNER, Josh

Session Classification: Physics and Software

Contribution ID: 22

Type: **not specified**

Docker and Batch Systems

Thursday 19 January 2023 11:00 (30 minutes)

Presenter: JOHNSON, Per

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 23

Type: **not specified**

fiTQun Status

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 24

Type: **not specified**

Machine Learning Status

Thursday 19 January 2023 11:30 (15 minutes)

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 25

Type: **not specified**

Calibration Analysis

Thursday 19 January 2023 10:25 (20 minutes)

Presenter: CRAPLET, Alie (Imperial College (GB))

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 26

Type: **not specified**

Physics Analysis Development

Thursday 19 January 2023 09:00 (45 minutes)

Presenter: KONAKA, Akira

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 27

Type: **not specified**

Test Beam Analysis Results

Thursday 19 January 2023 09:45 (20 minutes)

Presenter: Dr PAVIN, Matej (TRIUMF)

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 28

Type: **not specified**

Beam Window Studies

Thursday 19 January 2023 10:05 (20 minutes)

Presenter: ALJ HAKIM, Yassine Ikbali (Imperial College (GB))

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 29

Type: **not specified**

Discussion with VIIT group about changes to mPMT design and feedthrough testing

Friday 20 January 2023 09:00 (30 minutes)

Session Classification: Multi-PMTs

Contribution ID: **30**

Type: **not specified**

TRIUMF Test Stand Results

Friday 20 January 2023 09:30 (25 minutes)

Presenter: RIMMER, Jakob

Session Classification: Multi-PMTs

Contribution ID: 31

Type: **not specified**

WUT Infrastructure and test stands

Friday 20 January 2023 09:55 (25 minutes)

Presenter: PIOTROWSKI, Bartosz

Session Classification: Multi-PMTs

Contribution ID: **32**

Type: **not specified**

Health Break

Friday 20 January 2023 10:20 (10 minutes)

Session Classification: Multi-PMTs

Contribution ID: 33

Type: **not specified**

Water Systems Status

Friday 20 January 2023 14:00 (30 minutes)

Author: DE PERIO, Patrick (Kavli IPMU, University of Tokyo)

Co-authors: EKELOF, Tord Johan Carl (Uppsala University (SE)); CHOI, koun (IBS)

Presenters: DE PERIO, Patrick (Kavli IPMU, University of Tokyo); EKELOF, Tord Johan Carl (Uppsala University (SE)); CHOI, koun (IBS)

Session Classification: Water Systems

Contribution ID: 34

Type: **not specified**

Water Quality Monitoring

Friday 20 January 2023 14:30 (25 minutes)

Presenter: TAGHAYOR, Sahar (University of Victoria (CA))

Session Classification: Water Systems

Contribution ID: 35

Type: **not specified**

Laser diffuser status

Wednesday 18 January 2023 16:50 (15 minutes)

Presenter: ALJ HAKIM, Yassine Ikbali (Imperial College (GB))

Session Classification: Calibration

Contribution ID: 36

Type: **not specified**

Radioactive source status

Wednesday 18 January 2023 17:05 (15 minutes)

Presenter: RENNER, Josh

Session Classification: Calibration

Contribution ID: 37

Type: **not specified**

Photogrammetry status

Wednesday 18 January 2023 17:20 (15 minutes)

Presenter: JAMIESON, Blair

Session Classification: Calibration

Contribution ID: **38**

Type: **not specified**

Calibration analysis

Wednesday 18 January 2023 17:35 (15 minutes)

Presenter: CRAPLET, Alie (Imperial College (GB))

Session Classification: Calibration

Contribution ID: 39

Type: **not specified**

Discussion about finalizing mPMT mechanical design and assembly procedure

Friday 20 January 2023 10:30 (15 minutes)

Session Classification: Multi-PMTs

Contribution ID: 40

Type: **not specified**

Discussion about rev-2 mainboard finalization and outstanding items

Friday 20 January 2023 10:45 (15 minutes)

Session Classification: Multi-PMTs

Contribution ID: 41

Type: **not specified**

Discussion about mPMT DAQ development

Session Classification: Multi-PMTs

Contribution ID: 42

Type: **not specified**

Production Timeline Discussion

Friday 20 January 2023 11:00 (10 minutes)

Session Classification: Multi-PMTs

Contribution ID: 43

Type: **not specified**

Results from Immersion mPMT and Flashing mPMT

Presenter: LINDNER, Thomas Hermann (TRIUMF (CA))

Session Classification: Multi-PMTs

Contribution ID: 44

Type: **not specified**

WCTE design and assembly overview + Q&A

Wednesday 18 January 2023 09:30 (30 minutes)

Presenter: FERNÁNDEZ MENÉNDEZ, Pablo

Session Classification: East Hall Meeting

Contribution ID: 45

Type: **not specified**

Assembly facility: Feasibility of East Hall as assembly area + Q&A

Wednesday 18 January 2023 10:00 (30 minutes)

Presenter: JEREMY, Oliver John (Imperial College (GB))

Session Classification: East Hall Meeting

Contribution ID: 46

Type: **not specified**

WCTE in T9 experimental area + Q&A

Wednesday 18 January 2023 10:30 (30 minutes)

Presenter: JEREMY, Oliver John (Imperial College (GB))

Session Classification: East Hall Meeting

Contribution ID: 47

Type: **not specified**

Intro

Wednesday 18 January 2023 14:00 (20 minutes)

Presenter: Dr HARTZ, Mark Patrick (TRIUMF & Kavli IPMU, University of Tokyo)

Session Classification: Introduction

Contribution ID: 48

Type: **not specified**

Simulation discussion summary

Thursday 19 January 2023 11:45 (20 minutes)

Presenter: ANTHONY, Lauren (Imperial College (GB))

Session Classification: Analysis & Physics Parallel Session

Contribution ID: 49

Type: **not specified**

2023 Beam Test Discussion

Friday 20 January 2023 14:55 (35 minutes)

Presenter: KONAKA, Akira

Session Classification: Beam and Beam Tests