

# **Water Cherenkov Test Experiment Meeting**

## **Report of Contributions**

Contribution ID: 2

Type: **not specified**

## Overview of software and current studies

*Friday 22 July 2022 16:05 (20 minutes)*

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

**Session Classification:** Software & Analysis

Contribution ID: 3

Type: **not specified**

## **Attenuation length and timing calibration**

*Friday 22 July 2022 16:25 (17 minutes)*

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

**Session Classification:** Software & Analysis

Contribution ID: 4

Type: **not specified**

## Beam window simulation

*Friday 22 July 2022 16:42 (15 minutes)*

**Presenter:** ALJ HAKIM, Yassine Ikbal

**Session Classification:** Software & Analysis

Contribution ID: 5

Type: **not specified**

## **IWCD and WCTE PID studies with ML**

*Friday 22 July 2022 16:57 (15 minutes)*

**Presenters:** MONDAL, Tanima (IIT Kharagpur); SARKER, Arnab (Tezpur University); SHARMA, Sunanda (IIT Jodhpur)

**Session Classification:** Software & Analysis

Contribution ID: 6

Type: **not specified**

## Mechanical system overview

*Tuesday 19 July 2022 14:30 (7 minutes)*

**Presenters:** GARDE, Chandrashekhar (VIIT); FERNANDEZ, Pablo (DPIC); FERNÁNDEZ MENÉNDEZ, Pablo

**Session Classification:** Mechanical Systems

Contribution ID: 7

Type: **not specified**

## **Tank and support structure design and analysis**

*Tuesday 19 July 2022 14:37 (20 minutes)*

**Presenter:** PATIL, Saurabh

**Session Classification:** Mechanical Systems

Contribution ID: 8

Type: **not specified**

## **Assembly and installation (including Black sheets and tertiary beam window)**

*Tuesday 19 July 2022 14:57 (18 minutes)*

**Presenter:** SATAO, Kshitija (VIIT)

**Session Classification:** Mechanical Systems



Contribution ID: 9

Type: **not specified**

## Waterproof feedthrough and Soak tests

*Tuesday 19 July 2022 15:15 (15 minutes)*

**Presenters:** PAWAR, Ganesh (VIIT); DESHMUKH, Payal (VIIT)

**Session Classification:** Mechanical Systems

Contribution ID: **10**

Type: **not specified**

## **CDS and mechanical**

*Tuesday 19 July 2022 15:30 (15 minutes)*

**Presenter:** JEREMY, Oliver

**Session Classification:** Mechanical Systems

Contribution ID: 11

Type: **not specified**

## **Pipes, cameras, lights, integration and latest design**

*Tuesday 19 July 2022 16:05 (15 minutes)*

**Presenters:** TABOADA, Alejandro (DIPC); TABOADA, Alejandro (DIPC); SLABU, Mihai (DIPC)

**Session Classification:** Mechanical Systems

Contribution ID: 12

Type: **not specified**

## Construction Schedule

*Tuesday 19 July 2022 16:20 (15 minutes)*

**Presenter:** PELEGRIN, Jorge (Universidad de Zaragoza (ES))

**Session Classification:** Mechanical Systems

Contribution ID: 13

Type: **not specified**

## Water System

*Tuesday 19 July 2022 16:50 (20 minutes)*

**Presenter:** DE PERIO, Patrick

**Session Classification:** Water Systems

Contribution ID: 14

Type: **not specified**

## Water Quality Monitoring

*Tuesday 19 July 2022 17:10 (20 minutes)*

**Presenter:** KONAKA, Akira (TRIUMF (CA))

**Session Classification:** Water Systems

Contribution ID: 15

Type: **not specified**

## **mPMT mechanical preparations**

*Thursday 21 July 2022 14:00 (20 minutes)*

**Presenters:** GOLLA, Mohit (University of Delhi (IN)); GOLLA, Mohit; GOLLA, Mohit (TRIUMF)

**Session Classification:** multi-PMTs and Electronics

Contribution ID: 16

Type: **not specified**

## **mPMT test stand at WUT**

*Thursday 21 July 2022 14:20 (13 minutes)*

**Presenter:** LORENS, Piotr (WUT)

**Session Classification:** multi-PMTs and Electronics



Contribution ID: 17

Type: **not specified**

## **mPMT electronics TRIUMF**

*Thursday 21 July 2022 14:33 (20 minutes)*

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

**Session Classification:** multi-PMTs and Electronics

Contribution ID: **18**

Type: **not specified**

## **Plans for WCTE timing system**

*Tuesday 19 July 2022 11:00 (20 minutes)*

**Presenter:** RUSSO, Stefano

**Session Classification:** Parallel - timing system

Contribution ID: 19

Type: **not specified**

## **Beam monitor requirements**

*Tuesday 19 July 2022 11:20 (20 minutes)*

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

**Session Classification:** Parallel - timing system

Contribution ID: **20**

Type: **not specified**

## Discussion

*Tuesday 19 July 2022 11:40 (50 minutes)*

**Session Classification:** Parallel - timing system

Contribution ID: 21

Type: **not specified**

## **mPMT electronics Poland**

*Thursday 21 July 2022 14:53 (20 minutes)*

**Presenter:** DYGNAROWICZ, Krzysztof Lukasz (Warsaw University of Technology (PL))

**Session Classification:** multi-PMTs and Electronics

Contribution ID: 22

Type: **not specified**

## mPMT firmware

*Thursday 21 July 2022 15:13 (13 minutes)*

**Presenter:** NUREK, Michał (Warsaw University of Technology (PL))

**Session Classification:** multi-PMTs and Electronics

Contribution ID: 23

Type: **not specified**

## INFN plans

*Thursday 21 July 2022 15:55 (20 minutes)*

**Presenter:** LAVITOLA, Luigi

**Session Classification:** multi-PMTs and Electronics

Contribution ID: 24

Type: **not specified**

## **mPMT overall schedule**

*Thursday 21 July 2022 16:15 (15 minutes)*

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

**Session Classification:** multi-PMTs and Electronics



Contribution ID: 25

Type: **not specified**

## Photosensor Pre-Calibration

*Friday 22 July 2022 15:15 (20 minutes)*

**Primary author:** GOUSY-LEBLANC, Vincent (TRIUMF)

**Presenter:** GOUSY-LEBLANC, Vincent (TRIUMF)

**Session Classification:** Calibration Systems

Contribution ID: 26

Type: **not specified**

## Central Calibration Deployment System (CDS)

*Friday 22 July 2022 14:35 (20 minutes)*

**Primary author:** ANTHONY, Lauren (Imperial College (GB))

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

**Session Classification:** Calibration Systems

Contribution ID: 27

Type: **not specified**

## Radioactive Sources

*Friday 22 July 2022 14:55 (20 minutes)*

**Primary author:** RENNER, Josh

**Presenter:** RENNER, Josh

**Session Classification:** Calibration Systems

Contribution ID: 28

Type: **not specified**

## Photogrammetry

*Friday 22 July 2022 15:35 (20 minutes)*

**Primary author:** JAMIESON, Blair

**Presenter:** JAMIESON, Blair

**Session Classification:** Calibration Systems

Contribution ID: 29

Type: **not specified**

## Introduction

*Tuesday 19 July 2022 14:00 (20 minutes)*

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

**Session Classification:** Introduction

Contribution ID: **30**

Type: **not specified**

## **Gadolinium Absorbance Detector (GAD)**

*Friday 22 July 2022 14:15 (20 minutes)*

**Primary author:** RICHARDS, Benjamin (Queen Mary University London)

**Presenter:** RICHARDS, Benjamin (Queen Mary University London)

**Session Classification:** Calibration Systems

Contribution ID: **31**

Type: **not specified**

## **Introduction**

*Thursday 21 July 2022 16:50 (10 minutes)*

**Presenter:** Dr PAVIN, Matej (TRIUMF)

**Session Classification:** Beam

Contribution ID: **32**

Type: **not specified**

## **T9 Beam Line Test Preliminary Results**

*Thursday 21 July 2022 17:00 (15 minutes)*

**Presenter:** KOERICH, Luan

**Session Classification:** Beam



Contribution ID: 33

Type: **not specified**

## Secondary Beam Simulation

*Thursday 21 July 2022 17:15 (20 minutes)*

**Presenter:** FIORENTINI, Arturo

**Session Classification:** Beam

Contribution ID: 34

Type: **not specified**

## DAQ, Timing and Triggering

*Thursday 21 July 2022 16:30 (20 minutes)*

**Presenter:** RICHARDS, Benjamin (University of Warwick)

**Session Classification:** DAQ & Triggering

Contribution ID: 35

Type: **not specified**

## WCTE Moving System

*Friday 22 July 2022 14:00 (15 minutes)*

**Presenter:** RICHARDS, Erik

**Session Classification:** Mechanical Systems

Contribution ID: 36

Type: **not specified**

## Closeout

*Friday 22 July 2022 17:45 (15 minutes)*

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

**Session Classification:** Closeout