

# **Water Cherenkov Test Experiment Meeting**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## **Introduction/Status of Interactions with CERN/Collaboration Status**

*Monday 29 November 2021 14:30 (30 minutes)*

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

**Session Classification:** Introduction

Contribution ID: 2

Type: **not specified**

## Overview, Beam Simulation & Magnets

*Monday 29 November 2021 15:00 (30 minutes)*

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

**Session Classification:** Beam Line Simulation and Components

Contribution ID: 3

Type: **not specified**

## Silicon Strip Detectors

*Monday 29 November 2021 15:30 (22 minutes)*

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

**Session Classification:** Beam Line Simulation and Components

Contribution ID: 4

Type: **not specified**

## **RPC TOF Detector**

*Monday 29 November 2021 15:52 (22 minutes)*

**Presenter:** WENDELL, Roger

**Session Classification:** Beam Line Simulation and Components

Contribution ID: 5

Type: **not specified**

## Detector Geometry Studies

*Monday 29 November 2021 16:15 (25 minutes)*

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

**Session Classification:** Simulation and Analysis

Contribution ID: 6

Type: **not specified**

## Beam Window Simulations

*Monday 29 November 2021 16:40 (20 minutes)*

**Presenter:** YASSINE, Alj Hakim (Imperial)

**Session Classification:** Simulation and Analysis

Contribution ID: 7

Type: **not specified**

## Overview of WCTE Mechanical Systems

*Tuesday 30 November 2021 15:05 (15 minutes)*

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

**Session Classification:** Mechanical Systems



Contribution ID: 8

Type: **not specified**

# Design and Stability of Support Structure & Tank

*Tuesday 30 November 2021 15:20 (20 minutes)*

**Presenter:** PATIL, Saurabh

**Session Classification:** Mechanical Systems

Contribution ID: 9

Type: **not specified**

# Hydrostatics and Hydrodynamics of the Tank

*Tuesday 30 November 2021 15:40 (15 minutes)*

**Presenter:** JOSHI, Shardul (Vishwakarma Institute Of Information Technology)

**Session Classification:** Mechanical Systems

Contribution ID: **10**

Type: **not specified**

## **Development of Mech. Moving Systems for WCTE**

*Tuesday 30 November 2021 15:55 (25 minutes)*

**Presenter:** JEREMY, Oliver (Imperial)

**Session Classification:** Mechanical Systems

Contribution ID: 11

Type: **not specified**

## Current Status and Future Work

*Tuesday 30 November 2021 16:20 (15 minutes)*

**Presenters:** GARDE, Chandrashekhar (Vishwakarma Institute Of Information Technology); FERNANDEZ, Pablo (UoL)

**Session Classification:** Mechanical Systems

Contribution ID: 12

Type: **not specified**

## **Multi-PMT Mechanical Status**

*Tuesday 30 November 2021 16:35 (25 minutes)*

**Presenter:** AKUTSU, Ryosuke (TRIUMF)

**Session Classification:** Multi-PMT Photosensors

Contribution ID: 13

Type: **not specified**

## **Multi-PMT Electronics**

*Tuesday 30 November 2021 17:00 (25 minutes)*

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

**Session Classification:** Multi-PMT Photosensors

Contribution ID: 14

Type: **not specified**

## **Multi-PMT LEDs**

**Session Classification:** Multi-PMT Photosensors

Contribution ID: 15

Type: **not specified**

## Water Purification Techniques

**Presenter:** NAKAJIMA, Yasuhiro (ICRR, the University of Tokyo)

**Session Classification:** Water System



Contribution ID: 16

Type: **not specified**

## Water System Status

**Presenter:** DE PERIO, Patrick (TRIUMF)

**Session Classification:** Water System

Contribution ID: 17

Type: **not specified**

## **CDS and Diffuser Ball**

*Wednesday 1 December 2021 14:30 (25 minutes)*

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

**Session Classification:** Calibration Systems

Contribution ID: **18**

Type: **not specified**

## **Radioactive Sources**

*Wednesday 1 December 2021 14:55 (25 minutes)*

**Presenter:** RENNERT, Josh (Univ. of Valencia and CSIC (ES))

**Session Classification:** Calibration Systems

Contribution ID: 19

Type: **not specified**

## Photogrammetry

*Wednesday 1 December 2021 15:20 (25 minutes)*

**Presenter:** SEKATCHEV, Michael (TRIUMF)

**Session Classification:** Calibration Systems

Contribution ID: 20

Type: **not specified**

## DAQ & Triggering

*Wednesday 1 December 2021 15:45 (30 minutes)*

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

**Session Classification:** DAQ & Triggering

Contribution ID: 21

Type: **not specified**

## **Fire safety and possible fire safety derogation for WCTE experiment at CERN**

*Wednesday 1 December 2021 09:00 (1 hour)*

**Session Classification:** Local Meetings with CERN Groups

Contribution ID: 22

Type: **not specified**

## **Water Cherenkov Test Experiment : Discussion**

*Wednesday 1 December 2021 10:00 (1h 30m)*

**Session Classification:** Local Meetings with CERN Groups

Contribution ID: 23

Type: **not specified**

## **ESSnuSB near-detector reconstruction and particle-ID performance**

**Presenter:** BURGMAN, Alexander (Uppsala University)

**Session Classification:** Connections to Experiments



Contribution ID: 24

Type: **not specified**

## Water Purification Techniques

*Tuesday 30 November 2021 14:30 (20 minutes)*

**Presenter:** NAKAJIMA, Yasuhiro (ICRR, the University of Tokyo)

**Session Classification:** Water System

Contribution ID: 25

Type: **not specified**

## Water System Status

*Tuesday 30 November 2021 14:50 (15 minutes)*

**Presenter:** DE PERIO, Patrick (TRIUMF)

**Session Classification:** Water System

Contribution ID: 26

Type: **not specified**

## **ESSnuSB near-detector reconstruction and particle-ID performance**

*Wednesday 1 December 2021 16:15 (30 minutes)*

**Presenter:** BURGMAN, Alexander (Uppsala University)

**Session Classification:** Connections to Experiments