

WR Training 2024

Report of Contributions

Contribution ID: 1

Type: **not specified**

Comprehensive Intro to WR

Wednesday 4 December 2024 09:00 (1 hour)

Basics of WR operation, measurement types, application types

Types of devices and their differences, high level architecture

Example network architectures

WR-PTP vs HA-PTP & transition

Presenter: LIPINSKI, Maciej Marek (CERN)

Contribution ID: 2

Type: **not specified**

WR Switch Basics

Wednesday 4 December 2024 10:00 (30 minutes)

Features

Basic CLI tools

Configuration parameters and ways of configuration

Presenter: WUJEK, Adam

Contribution ID: 3

Type: **not specified**

WR Switch Advanced

Wednesday 4 December 2024 11:00 (1 hour)

Monitoring services
Advanced CLI tools and troubleshooting
Interoperability with non-WR devices

Presenter: WUJEK, Adam

Contribution ID: 4

Type: **not specified**

WR Node

Wednesday 4 December 2024 12:00 (30 minutes)

CLI and configuration
Monitoring services
Advanced debugging tools

Presenter: LIPINSKI, Maciej Marek (CERN)

Contribution ID: 5

Type: **not specified**

WR relative calibration

Wednesday 4 December 2024 13:30 (45 minutes)

Procedure description
Configuration parameters and their meaning
Available automation (scripts)
Future methods (in-situ, absolute)

Presenter: WUJEK, Adam

Contribution ID: 6

Type: **not specified**

WR Switch and Node architecture

Wednesday 4 December 2024 14:15 (1 hour)

Hardware, gateway, software
SoftPLL/RTsubsystem/PPSi/timestamping
Repos and modules
Working on SW features

Presenter: LIPINSKI, Maciej Marek (CERN)

Contribution ID: 7

Type: **not specified**

WRPC integration into WR Node

Wednesday 4 December 2024 15:45 (1 hour)

WR PTP Core, platform and board specific modules

Supported transceivers

Clocking structure

Hardware support and VCXO-less

Presenter: GINGOLD, Tristan (CERN)

Contribution ID: 8

Type: **not specified**

Intro to Oscillators

Wednesday 4 December 2024 16:45 (45 minutes)

Oscillator types and parameters

Oscillator their measurement and performances

Presenter: Mr AMEY, Nick (IQD)