

# **13th White Rabbit Workshop and Collaboration Launch Event**

## **Report of Contributions**

Contribution ID: 1

Type: **not specified**

## Doors Open

*Thursday, 21 March 2024 08:30 (15 minutes)*

**Session Classification:** Morning session

Contribution ID: 2

Type: **not specified**

## Welcome to Event

*Thursday, 21 March 2024 08:45 (15 minutes)*

**Presenter:** SERRANO, Javier (CERN)

**Session Classification:** Morning session

Contribution ID: 3

Type: **not specified**

## The White Rabbit Collaboration

*Thursday, 21 March 2024 09:00 (15 minutes)*

**Presenter:** DIEZ FERNANDEZ, Amanda (CERN)

**Session Classification:** Morning session

Contribution ID: 4

Type: **not specified**

## Status of the current WR Switch version 3

*Thursday, 21 March 2024 09:15 (15 minutes)*

**Presenter:** WUJEK, Adam Artur

**Session Classification:** Morning session

Contribution ID: 5

Type: **not specified**

## Status of the new WR Switch version 4

*Thursday, 21 March 2024 09:30 (30 minutes)*

**Presenter:** WLOSTOWSKI, Tomasz (CERN)

**Session Classification:** Morning session

Contribution ID: 6

Type: **not specified**

## Status of the WRPC version 5

*Thursday, 21 March 2024 10:00 (15 minutes)*

**Presenter:** GINGOLD, Tristan (CERN)

**Session Classification:** Morning session

Contribution ID: 7

Type: **not specified**

## **WR-related standardisations**

*Thursday, 21 March 2024 10:15 (15 minutes)*

**Presenter:** LIPINSKI, Maciej Marek (CERN)

**Session Classification:** Morning session



Contribution ID: 8

Type: **not specified**

## **WR at GSI - Status and near Future**

*Thursday, 21 March 2024 10:50 (20 minutes)*

**Presenter:** BECK, Dietrich (GSI)

**Session Classification:** Morning session

Contribution ID: 9

Type: **not specified**

## **EISCAT\_3D, a White Rabbit based Radar**

*Thursday, 21 March 2024 11:10 (15 minutes)*

**Presenter:** BROWN, Simon (EISCAT)

**Session Classification:** Morning session

Contribution ID: **10**

Type: **not specified**

## **New timing system for the LOFAR2.0 telescope**

*Thursday, 21 March 2024 11:25 (15 minutes)*

**Presenter:** WITVERS, Roel (Astron)

**Session Classification:** Morning session

Contribution ID: 11

Type: **not specified**

## **Performance evaluation of a versatile and low-jitter WR board designed for radio-telescopes**

*Thursday, 21 March 2024 11:40 (15 minutes)*

**Presenter:** CHARLET, Daniel (IJLAB)

**Session Classification:** Morning session

Contribution ID: 12

Type: **not specified**

## **Light Rabbit: Implementing a White Rabbit node on COTS AMD development boards without relying on external VCXOs**

*Thursday, 21 March 2024 13:30 (25 minutes)*

**Session Classification:** Afternoon session

Contribution ID: 13

Type: **not specified**

## **Towards Carrier Grade White Rabbit Switch**

*Thursday, 21 March 2024 13:55 (25 minutes)*

**Presenter:** BRAWAŃSKI, Marek (Orange Polska)

**Session Classification:** Afternoon session

Contribution ID: 14

Type: **not specified**

**Distribution of synchronized time, underline the  
Green Transition in electrical power production,  
distribution, and safe operation of the power system.  
Stanett's project COSECTIME**

*Thursday, 21 March 2024 14:20 (25 minutes)*

**Presenters:** HAUGLIN, Harald (Statnett); MYHREN, Kjell Petter (Statnett); TUNGLAND, Oddleiv (Statnett)

**Session Classification:** Afternoon session

Contribution ID: 15

Type: **not specified**

## **European Radionavigation Plan and pan-European time distribution**

*Thursday, 21 March 2024 14:45 (25 minutes)*

**Presenter:** BONENBERG, Łukasz K (European Commission)

**Session Classification:** Afternoon session



Contribution ID: 16

Type: **not specified**

## The CERN Quantum Technology Initiative

*Thursday, 21 March 2024 15:30 (10 minutes)*

**Presenter:** Dr VALLECORSA, Sofia (CERN)

**Session Classification:** Afternoon session

Contribution ID: 17

Type: **not specified**

## **Progressing Towards a Nationwide White Rabbit Network in DWDM Telecommunications for REFIMEVE, France's T/F Network for Education and Research**

*Thursday, 21 March 2024 15:40 (25 minutes)*

**Presenter:** POTTIE, Paul-Éric (Syrte)

**Session Classification:** Afternoon session

Contribution ID: 18

Type: **not specified**

## **Sub-ns long-haul dissemination of UTC(CH) using White Rabbit in Switzerland**

*Thursday, 21 March 2024 16:05 (25 minutes)*

**Presenter:** JALLAGEAS, Antoine (METAS)

**Session Classification:** Afternoon session

Contribution ID: 19

Type: **not specified**

## **White Rabbit applications: terrestrial PNT networks, the Quantum Internet, and networked digital time scales**

*Thursday, 21 March 2024 16:30 (25 minutes)*

**Presenter:** KOELEMENIJ, Jeroen (Vrije Universiteit Amsterdam)

**Session Classification:** Afternoon session

Contribution ID: 20

Type: **not specified**

## **Practical single-fibre network-oriented quantum key distribution from a compact source of entangled photons in presence of White Rabbit time synchronisation**

*Thursday, 21 March 2024 16:55 (25 minutes)*

**Presenter:** SCHATZ, Karolina (University of York)

**Session Classification:** Afternoon session

Contribution ID: 21

Type: **not specified**

# **Towards Quantum Networking: Characterization of Metropolitan-Scale White Rabbit Precision Time Protocol Architectures**

*Thursday, 21 March 2024 17:20 (25 minutes)*

**Presenter:** LI-BABOUD, Ya-Shian (NIST)

**Session Classification:** Afternoon session

Contribution ID: 22

Type: **not specified**

## Welcome Coffee

*Friday, 22 March 2024 08:30 (15 minutes)*

**Session Classification:** Morning session

Contribution ID: 23

Type: **not specified**

## White Rabbit Collaboration Inauguration

*Friday, 22 March 2024 08:45 (15 minutes)*

**Presenter:** JONES, Rhodri (CERN)

**Session Classification:** Morning session



Contribution ID: 24

Type: **not specified**

## White Rabbit Collaboration Inauguration

*Friday, 22 March 2024 09:00 (15 minutes)*

**Presenter:** ANELLI, Giovanni (CERN)

**Session Classification:** Morning session

Contribution ID: 25

Type: **not specified**

## The journey of White Rabbit until today

*Friday, 22 March 2024 09:15 (20 minutes)*

**Presenter:** SERRANO, Javier (CERN)

**Session Classification:** Morning session

Contribution ID: 26

Type: **not specified**

## Plans for the year ahead

*Friday, 22 March 2024 09:35 (20 minutes)*

**Presenter:** LIPINSKI, Maciej Marek (CERN)

**Session Classification:** Morning session

Contribution ID: 27

Type: **not specified**

## Q&A

*Friday, 22 March 2024 09:55 (10 minutes)*

**Session Classification:** Morning session

Contribution ID: 28

Type: **not specified**

## **WR Use case: Distributing time for SKA, the largest telescope in the world**

*Friday, 22 March 2024 10:30 (25 minutes)*

**Presenter:** RAT, Benoît Rat (Safran)

**Session Classification:** Morning session

Contribution ID: 29

Type: **not specified**

## **10 years journey of a cute white rabbit: brief history of CUTE WR node and the applications**

*Friday, 22 March 2024 10:55 (25 minutes)*

**Presenter:** GONG, Guanghua (SyncTechnology)

**Session Classification:** Morning session

Contribution ID: **30**

Type: **not specified**

## **QWRTY: A White Rabbit Switch v4 with Enhanced Holdover Capabilities**

*Friday, 22 March 2024 11:20 (25 minutes)*

**Presenter:** PÍRIZ, Ricardo (GMV)

**Session Classification:** Morning session

Contribution ID: **31**

Type: **not specified**

## **Adding holdover capability to the WRS v4**

*Friday, 22 March 2024 11:45 (20 minutes)*

**Presenter:** AMEY, Nick (IQD Frequency Products)

**Session Classification:** Morning session



Contribution ID: 32

Type: **not specified**

## The InterOperability Laboratory and WR

*Friday, 22 March 2024 14:00 (25 minutes)*

**Presenter:** NOSEWORTHY, Bob (University of New Hampshire)

**Session Classification:** Afternoon session

Contribution ID: 33

Type: **not specified**

## Status of WR related work at Nikhef

*Friday, 22 March 2024 14:25 (25 minutes)*

**Presenter:** JANSWEIJER, Peter (Nikhef)

**Session Classification:** Afternoon session

Contribution ID: **34**

Type: **not specified**

## **WR at CERN**

*Friday, 22 March 2024 14:50 (25 minutes)*

**Presenter:** GOUSIOU, Evangelia (CERN)

**Session Classification:** Afternoon session

Contribution ID: 36

Type: **not specified**

## **Precision Time in Financial Services**

*Friday, 22 March 2024 15:35 (25 minutes)*

**Presenter:** FRIEDMAN, Seth (Liquid Markets Solutions)

**Session Classification:** Afternoon session

Contribution ID: 37

Type: **not specified**

## **White Rabbit use cases and challenges in trading**

*Friday, 22 March 2024 16:00 (25 minutes)*

**Presenter:** SZIKORA, Bence (Jump Trading)

**Session Classification:** Afternoon session

Contribution ID: **38**

Type: **not specified**

## **The White Rabbit Story at Deutsche Börse**

*Friday, 22 March 2024 16:25 (25 minutes)*

**Presenter:** SAUTHOFF, Georg (Deutsche Börse)

**Session Classification:** Afternoon session

Contribution ID: 39

Type: **not specified**

## Corundum NIC and WR

*Friday, 22 March 2024 17:00 (15 minutes)*

**Presenter:** FORENCICH, Alex (UC San Diego)

**Session Classification:** Afternoon session

Contribution ID: 40

Type: **not specified**

## Packet Switch Project

*Friday, 22 March 2024 17:15 (15 minutes)*

**Presenter:** MEGÍAS NUÑEZ, Carlos (University of Granada)

**Session Classification:** Afternoon session



Contribution ID: 41

Type: **not specified**

## Closing Remarks

*Friday, 22 March 2024 17:30 (10 minutes)*

**Session Classification:** Afternoon session