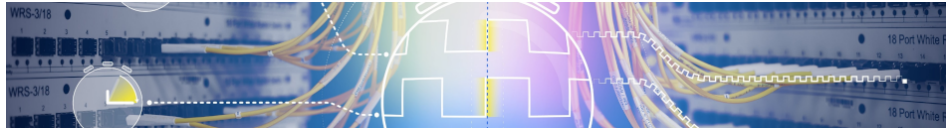


Open Hardware at CERN in practice: electronics



Contribution ID: 11

Type: **not specified**

Putting it all together: White Rabbit

Friday 9 May 2025 16:30 (15 minutes)

White Rabbit (WR) is an open-source (hardware, gateway, firmware, software, documentation) synchronisation technology developed at CERN in collaboration with several institutes and companies. This talk will focus on the hardware side of the project. In particular:

- A quick survey of WR designs and the role of KiCad in the latest generation of WR Event Node (WREN) designs.
- Hosting designs at ohwr.org and interacting with the community in forums.ohwr.org.
- The experience subcontracting design work outside CERN, and synchronising with the CERN drawing office to guarantee a high-quality result.
- The interaction with KT in the creation and running of the WR Collaboration.
- Our licensing choices.
- Some comments on calls for tender of WR equipment in collaboration with IPT-PI.

The presentation will finish with some thoughts about the future, including solutions to current challenges and plans for improving the WR technology and providing a friendly welcoming environment for the WR community.

Presenter: WUJEK, Adam Artur