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CTAO Swiss Data Center and Data Processing and Preservation System Deployment Strategy

Tuesday 1 April 2025 10:00 (15 minutes)

The Cherenkov Telescope Array Observatory (CTAO) is the next-generation gamma-ray telescope facility, currently under construction.

The CTAO recently reached a set of crucial milestones: it has been established as a European Research Infrastructure Consortium (ERIC), all four Large-Sized Telescopes at the northern site of the Observatory reached key construction milestones, and the first version of the Data Processing and Preservation System (DPPS) has been released.

I will present a brief overview of the implementation of the Swiss CTAO Data Center, and the current status of the CTAO DPPS deployment.

I will explain how the CTAO adoption of WLCG technologies (including Rucio, DIRAC, Indigo IAM) enables synergies with many HEP projects.

Desired slot length

Speaker release

Yes

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