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# Streaming Science Globally: CERN's Live Streaming Service

*Tuesday 16 April 2024 12:00 (25 minutes)*

In the last 20 years, CERN's Live Streaming service [1] has been a pivotal communication tool connecting CERN users and the High Energy Physics (HEP) community in real time. From its initial stages, employing Real Media technologies and Flash, to its present state, integrating cutting-edge technologies like HTTP Live Streaming (HLS), the service has been instrumental in fostering global scientific collaboration.

In this presentation, we will provide a review of the service's evolution, examining its architecture, employed technologies, and more. Our discussion will extend to the future of the service, addressing the challenges we anticipate.

Furthermore, we will provide detailed insight on the integration of the live streaming service with the transcoding and web lecture services. This integration enables users to watch already finished streams, improving their experience with cutting-edge features such as closed captions, composite views, and multi-quality videos.

[1] <https://live.cern.ch>

## Desired slot length

## Speaker release

Yes

**Primary author:** FERNANDEZ SANCHEZ, Rene (CERN)

**Presenter:** FERNANDEZ SANCHEZ, Rene (CERN)

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