



Contribution ID: 20

Type: **not specified**

CERN update on tape technology

This presentation will start with the evolution of the tape technology market in the recent years and the expectations from the INSIC roadmap.

From there, with LHC now in the middle of Run 3, we will reflect on the evolution of our capacity planning vs. increasing storage requirements of the experiments. We will then describe our current tape hardware setup and present our experience with the different components of the technology. For example, we will report on performance characteristics of both LTO9 and TS1170 tape drives: RAO, environmental aspects and how the technology evolution is impacting our operations.

Lastly, we will share our thoughts about rack size scale-out tape libraries and consideration to replace FC with SAS.

Desired slot length

20 minutes

Speaker release

Yes

Author: BAHYL, Vladimir (CERN)

Presenter: BAHYL, Vladimir (CERN)

Session Classification: Storage & data management

Track Classification: Storage & data management