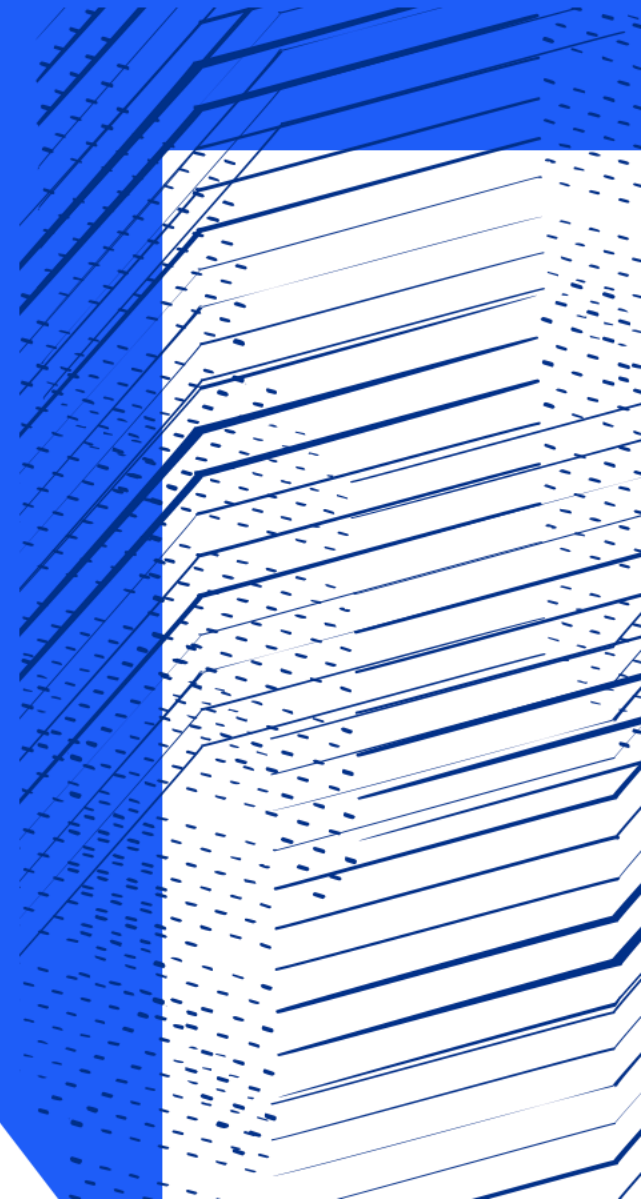




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Tape Evolution

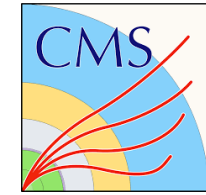
Alastair Dewhurst



Introduction

- Thank you to everyone who helped organize this meeting.
 - There is time at the end for other sites to present / talk if they want.
- Aims:
 - Understand sites setups and ensure that we take the opportunity to collaborate where appropriate.
 - Discuss future trends in Tape hardware.

Tape Endpoints – To be updated



ERADAT

TReqS

TSS

DMF

OSM

Enstore

ENDIT

GEMSS



Tape Media: LTO or Enterprise

CERN, RAL

BNL

IN2P3

FZK

SARA

DESY

FNAL, PIC, JINR

Triumf

NDGF

CNAF

Storage Evolution

HDD

Tape will not evolve in isolation.
SSD/NVMe is going to become
more cost competitive.

$\$ \text{ NVMe} = 4 \times \$ \text{ HDD}$
 $\$ \text{ HDD} = 3 \times \$ \text{ Tape}$
Trade HDD for Tape + NVMe?

Tape

SSD



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Questions?