Contribution ID: **51**   Type: **not specified**

Techlab update

Wednesday 18 October 2017 09:55 (25 minutes)

Techlab is a CERN IT activity aimed at providing facilities for studies improving the efficiency of the computing architecture and making better utilisation of the processors available today.

It enables HEP experiments, communities and project to gain access to machines of modern architectures, for example Power 8, GPUs and ARM64 systems.

The hardware is periodically updated based on community feedback and industry trends. All results can be published; studies requiring non-disclosure agreements (NDAs) are not allowed.

Techlab also runs extensive evaluations of all its systems and makes them available on its benchmarking portal, which is open for all HEP participants to view and share benchmarking results.

This presentation gives a status update of Techlab, including service status, current hardware and plans, and gives an overview of the benchmarking portal.

Desired length

20

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Session Classification: Computing and batch systems

Track Classification: Computing & Batch Services