

Computing/Storage/Networking for next generation photon science experiments @DESY

Wednesday 27 March 2019 16:10 (25 minutes)

We will briefly show the current onsite accelerator infrastructure and their resulting computing and storage usage and future requirements. The second section will discuss the plans and work done regarding the hardware infrastructure, the system level middleware (i.e. container, storage connection, networks) and the higher level middleware (under development) covering low latency data access and selection (including metadata queries) directly connection the DAQ at detector level to the data processing code (mostly developed by experimentators running on multiple nodes in parallel. The last section will shortly discuss initial result (technical and non-technical) and possible collaborations with other sites with similar challenges.

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Session Classification: Computing & Batch Systems

Track Classification: Computing & Batch Services