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Status of volunteer computing at CERN

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Status of LHC@home, volunteer computing at CERN and for the LHC experiments. The presenter will give an update on the volunteer computing strategy for HEP and different scenarios for use of volunteer cloud computing or other lightweight cloud infrastructures to run experiment code under CernVM on available computing resources. Furthermore, the current status of the CERN BOINC server infrastructure and recent experience from ATLAS and CMS as well as the outlook for the service will be described.

Summary

Use of BOINC at CERN for LHC@home, Virtualization support with BOINC and CernVM allows for running HEP software under BOINC, and LHC@home will be extended to include applications from ATLAS, CMS and LHCb. A Description of BOINC application and server infrastructure at CERN is given.

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