



VIDEO Colloquium: HEP in the Cloud Computing and Open Science Era.

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Webcast 16:45 h

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As the LHC readies for Run-3 and its second decade of data-taking, the world around us is changing rapidly. Since the discovery of the Higgs boson in 2012 cloud computing has fundamentally changed the style and access of distributed computing, Deep Learning and Data Science have entered the public vocabulary and Open Science and Reproducibility have grown in importance. The LHC experiments, with their vast amounts of data and unique datasets necessarily find themselves at the forefront of these developments. In this talk, I will discuss about how these trends enable new research avenues and data analysis capabilities, such as a systematic reinterpretation program for Beyond the Standard Model search using cloud-native workflows and RECAST, “rediscovering” the Higgs boson in CERN Open Data within a few minutes on the cloud, to enabling third-party research through open access to high-fidelity data products of LHC searches the wider HEP community.



Zoom connection details:

Meeting ID: 996 1652 8733

Meeting Password: 733220