

Dynamic deployment of the Ophidia HPDA framework on HPC and Cloud environments

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This talk introduces the Ophidia High-Performance Data Analytics (HPDA) framework for scientific multi-dimensional data analysis, its multi-layered architecture, as well as the main challenges related to its deployment. In particular, it presents the solution developed for dynamic deployment of Ophidia over different infrastructures (i.e., HPC and Cloud clusters).

Furthermore, the talk provides a brief overview of the integrated solution adopted in the frame of the EOSC-Hub project for the deployment of the ENES Climate Analytics Service (ECAS) on the EGI FedCloud, with the ECAS service using Ophidia data analytics features.

Primary authors: Mr ELIA, Donatello (Euro-Mediterranean Center on Climate Change (CMCC) Foundation and University of Salento); Prof. FIORE, Sandro (University of Trento)

Presenter: Mr ELIA, Donatello (Euro-Mediterranean Center on Climate Change (CMCC) Foundation and University of Salento)

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