

Integration of ICSC provisioned resources hosted at INFN Naples into the high rate platform via InterLink

T. Tedeschi¹, D. Ciangottini¹, A. Doria¹, S. Pardi¹, B. Spisso¹, S.M. Stellacci¹ *on behalf of WP5*

¹ Istituto Nazionale di Fisica Nucleare



The **High Rate Analysis platform** that has been implemented in the context of the Working Group 5 of ICSC Spoke2 offers a general purpose environment where analyzers can scale up their computations via the python Dask library.

A jupyterhub is deployed on a k8s cluster (**128 vCPUs and 258 GB**) hosted at CNAF via the official [Spoke2 JHub Helm repo](#)

- endpoint is [here](#) and ICSC Indigo-IAM is used for authentication

Users choose JupyterLab image to deploy and after deployment completion, they get access to a full Integrated Development Environment (persistent storage, terminal, notebooks, editors)

Initially, users' only option to scale up their python-based computation, using Dask library, was scaling **within the Kubernetes cluster**

Thanks the presented integration work, users can now scale up their python-based computation, using Dask library, **offloading to external ICSC-provided resources** hosted in Naples

