

Scientific Computing at INFN and beyond

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In the past couple years, INFN has been working toward a major restructuring of its organization for the provisioning and evolution of its computing services. This process overlapped with the opportunities brought forward by the COVID-19 National Recovery and Resilience Plan, which offered significant funding to build a national infrastructure for science and industry. INFN will have a leading role in these initiatives. As a result, in the next few months a complete revisiting of the INFN big data distributed infrastructure will be carried on. In this talk, I will highlight the results and prospects of these activities, describing what we have done so far and how we intend to continue to innovate and integrate multiple scientific use cases in a federated cloud data lake.

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