

INAF Computing Facility: DATA-STAR (IT evolution from 'project e-infra' to 'INAF e-infra')

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The activities related to the INAF IT had a heavy acceleration in the last year, also related to the infrastructure of the Bologna Tecnopole, the assignment of the CINECA-led Euro HPC project, the SKA and CTA projects. This acceleration has made that the experience gained with national calculation, storage and archives projects (eg MoU CINECA, CHIPP project, connection with the Commercial Cloud, IA2 archives, etc.) should evolve towards the creation of an e-infra INAF. This must meet the request of the community by taking advantage of the opportunities that large projects are giving us and using, through strong coordination, the skills present in INAF. The **DATA-STAR** INAF e-infra is not only an hardware statement, but the key main value is the people networking.

We therefore want to inform the community of the steps that are being taken in this direction, illustrate the idea and organization of this strong coordination, and collect the community's advice and requests.

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