OSCARS
Open Science Clusters' Action for Research & Society

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Sharing best practices for astronomical software, services and infrastructure

Astro-CC Pilot

The **Astro**nomy Open Science **C**ompetence **C**entre Pilot project is intended to expand the use of Virtual Observatory standards, tools and services by running Community **Competence Centre events** engaging researchers and experts on the topic of astronomical data & service interoperability.



Challenge

- To increase awareness and skills for implementing **FAIR** data services in astronomy.
- To **support researchers** in their use of interoperable astronomy services and tools.
- To map out the operations of **an Astronomy Competence Centre** in the context of EOSC.

Solution

- **Technology Forum** *(October 2025)*
- **Scientific Training Event 1** *(December 2025):*
- **European Data Provider Forum** *(March 2026):*
- **Scientific Training Event 2** *(September 2026)*
- **Technology Forum 2** *(October 2026)*

Hands-on approach

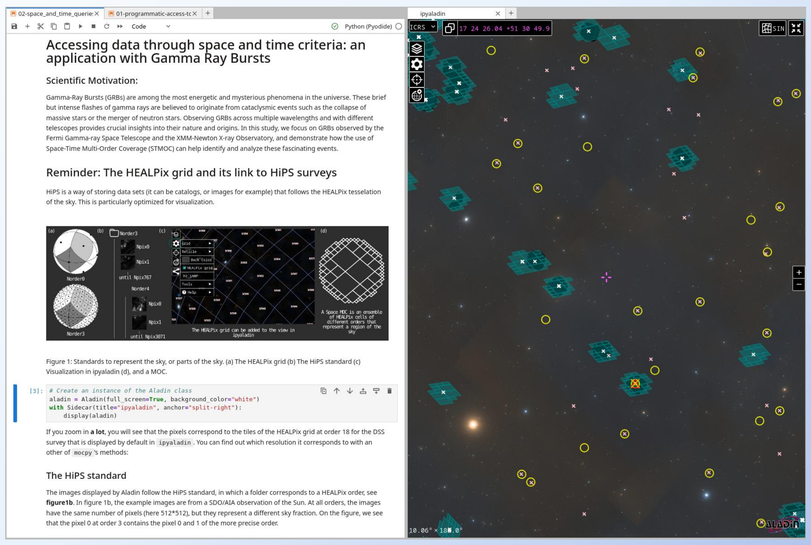


We promote in-person interactions for:

- Sharing expertise.
- Science-case tutorials and participant's projects.
- Data publishing tutorials and assistance.

… but also reusable on-line materials.

Highlight – STMOC tutorial



Try it out in JupyterLite!

Sustainability

The Astro-CC Pilot project is about enabling the community to create, publish and exploit interoperable services that are on-boarded to the International Virtual Observatory registries. The feasibility and of their integration in an EOSC thematic node is being assessed. The technical and scientific training materials are reuable resources that are maintained by the partners, and we aim for sustainability of the Competence Centre activities.

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2. Istituto Nazionale di Astrofisica (INAF),
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5. University of Heidelberg
6. ESO
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