

Astro-CC – Astronomy Open Science Competence Centre Pilot



The Astro-CC project aims at expanding the use of Virtual Observatory standards by astronomy-focused ESFRIs, RIs, and data-producing projects of all scales, enabling the astronomy research communities to accelerate their use of Open Science by supporting the implementation of FAIR principles. It will run Community Competence Centre (CCC) events engaging experts in astronomical data / service interoperability to prepare and define the scope of a CCC.



ESCAPE
Astronomy, Nuclear and Particle
Physics

Challenge

The complexity of managing astronomical data across various platforms and ensuring that it adheres to the FAIR principles, requires a community approach. The community also needs training and improved access to tools that support data interoperability and sharing across multiple RIs.

Solution

The project will run Community Competence Centre events, specifically targeted to engage different facets of the astronomy communities: a Data Provider Forum event, Technology Forum events, and Scientific Training events.

Scientific Impact

The project will engage national RIs and expand into interdisciplinary fields, such as planetary science and heliophysics. These efforts aim to promote interoperability across diverse astronomical domains.

Partners

CNRS Strasbourg
Astronomical Observatory,
Istituto Nazionale Di
Astrofisica, Instituto
Nacional de Tecnica
Aeroespacial,
Observatoire de Paris,
Ruprecht-Karls-Universita
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