



OSCARS

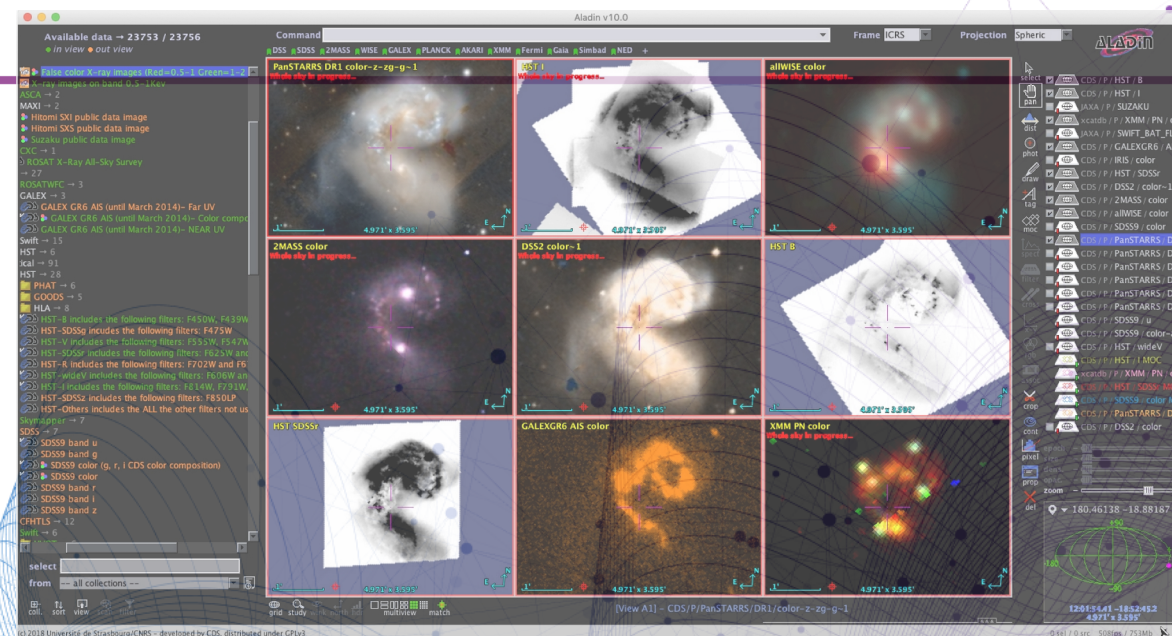
Open Science Clusters' Action
for Research & Society

Astro-CC

Astronomy Competence Center Pilot Project

defining scope and reasons for

Astrophysics
Astroparticle
Space Sciences
Thematic EOSC Node



EOSC

Symposium 2026

14-16 October, Florence

eosc.eu/symposium-2026



EOSC GRAVITY

European Union

Under the patronage of



COMUNE DI FIRENZE

Marco Molinaro

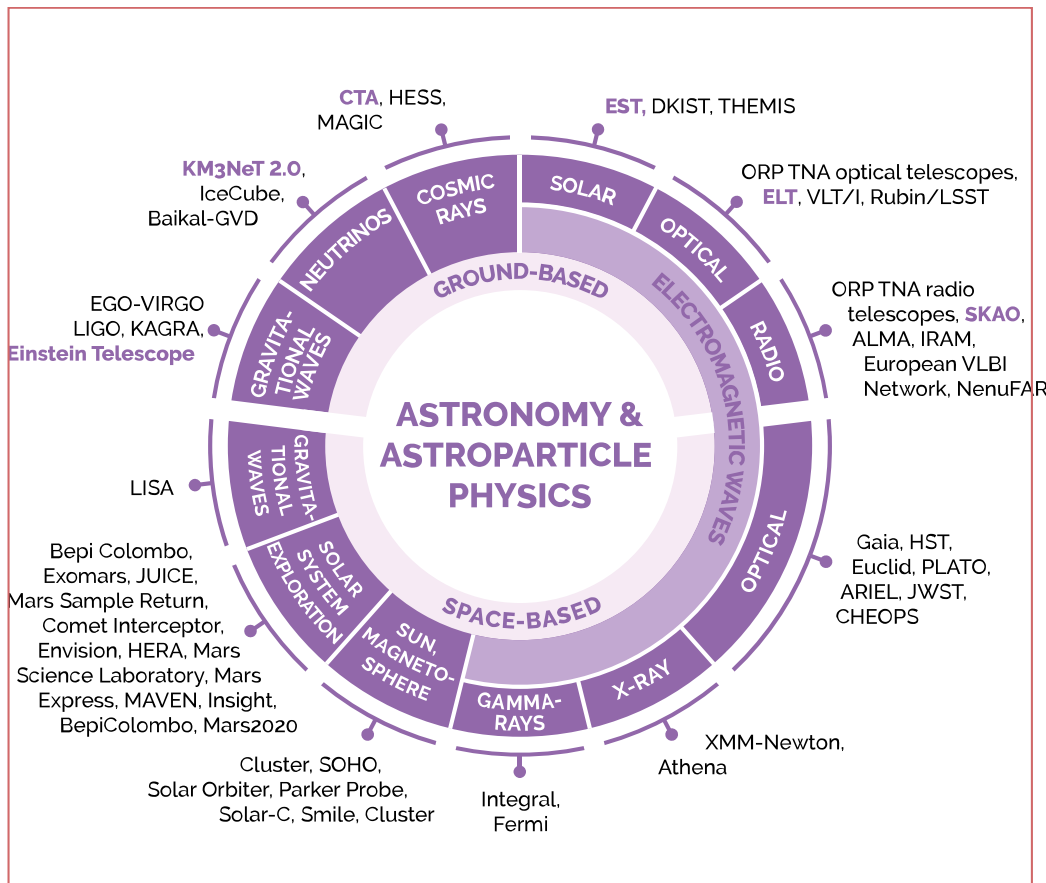


Mark Allen

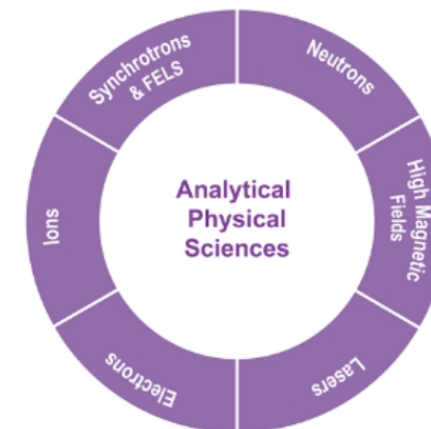
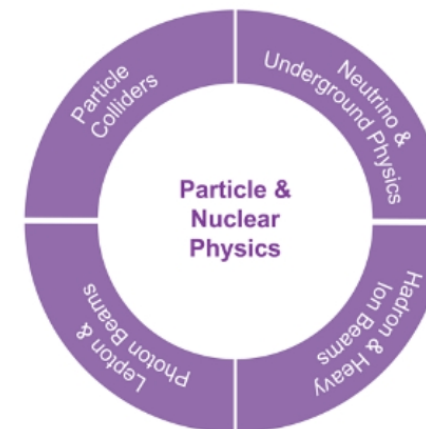
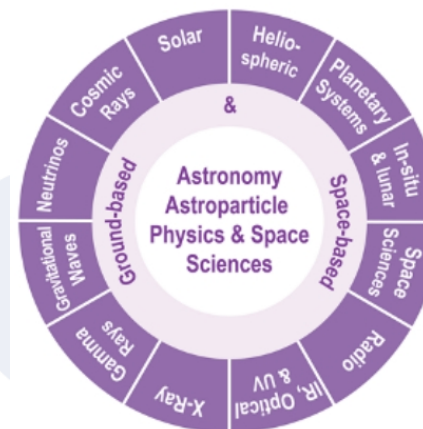


Martino Romaniello





Astronomy, Astroparticle & Space Sciences sub-domain breakdown



Physical Sciences & Engineering (PSE) Thematic Area according to the ESFRI Landscape Analysis 2024

challenge
shared language / interoperability

<https://landscape2024.esfri.eu/landscape-analysis/>

ERICs, ESFRI, RIs

CTAO ERIC, EGO-Virgo, ESO, EST, ET, JIV-ERIC, KM3NeT, LOFAR ERIC, SKAO

(sub-)Domain projects, consortia, communities

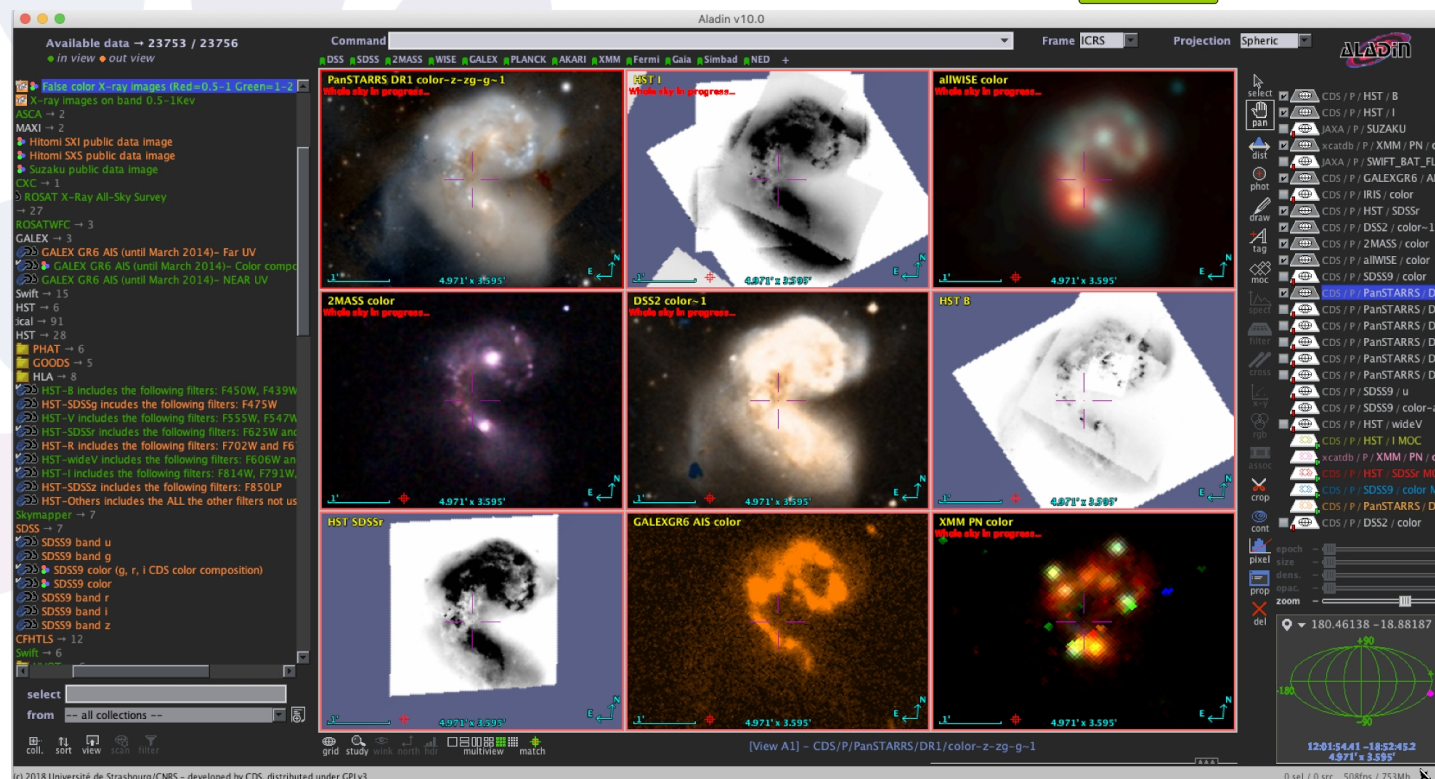
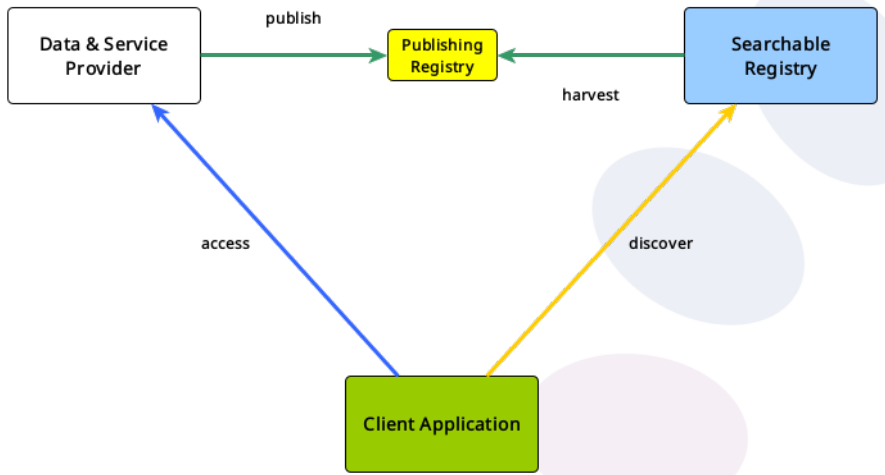
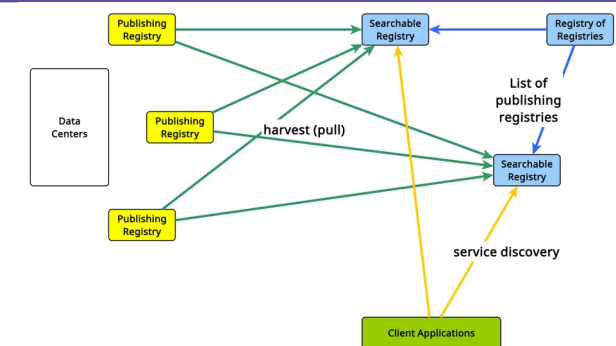
APPEC, ASTRONET, EAS, OSCARS, EVERSE, EAST, Europlanet, OPTICON, RadioNet, ACME, AHEAD, ORP, SOLARNET, Euro-VO

challenge
interoperable interface



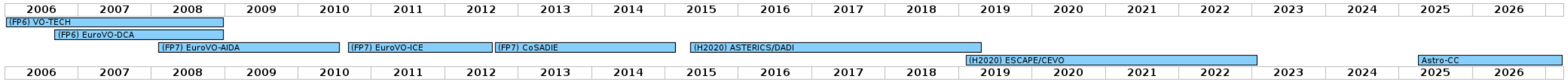
sample task

integrating the International Virtual Observatory Alliance Registry of Resources into the EOSC

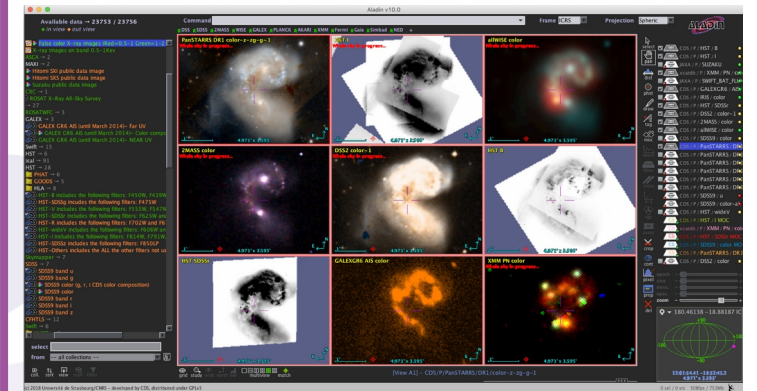


challenge

domain metadata richness in general repository representation



The Astronomy Open Science Competence Center pilot project bringing forward the knowledge and expertise of the Euro-VO community, and connected to the ESCAPE cluster, is currently providing a forum for the discussion about the Thematic EOSC Node scope, and, together with sibling partners in the domains of space, heliospheric, and planetary sciences, will focus on defining scope and reasons to be of such a Node for astrophysics and space sciences.



challenge

Keep AAS sub-domain stakeholders on-board and up-to-date with discussion on the Thematic Node scope and reasons