



IVOA November 2023
Interoperability Meeting

IVOA Exec Closing Remarks

November 2023 interoperability meeting, Tucson, Italy

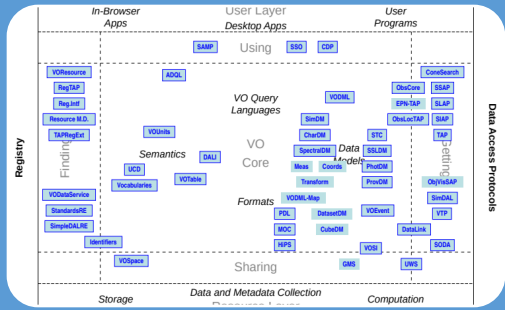
Christophe Arviset, IVOA Chair

Vision of the International Virtual Observatory Alliance



Develop a FAIR data management framework for astronomy

- Interoperability standards (VO framework) amongst astronomical (ground and space based) archives
- Publishing tools for data centres



Data Centres

Data Access

Data Models

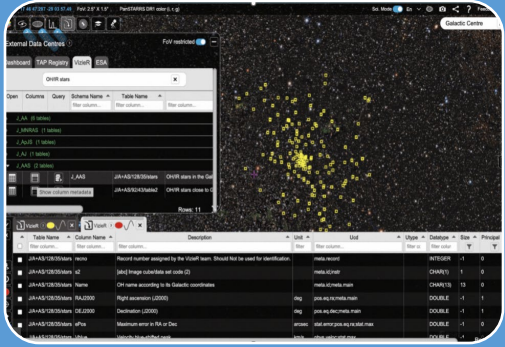
Registry

Operations

DOIs

...

Vision of the International Virtual Observatory Alliance



Enable new science through the VO

- Multi wavelength science, combining datasets from multiple sources
- Data discovery and data access tools
- Data analysis and visualization tools

Applications
Astropy, pyVO

Science Platforms

“Grid & Web
Services” WG

Knowledge
Discovery

ML, AI, ChatGPT

Radio
Time Domain
Solar System

Theory

Vision of the International Virtual Observatory Alliance

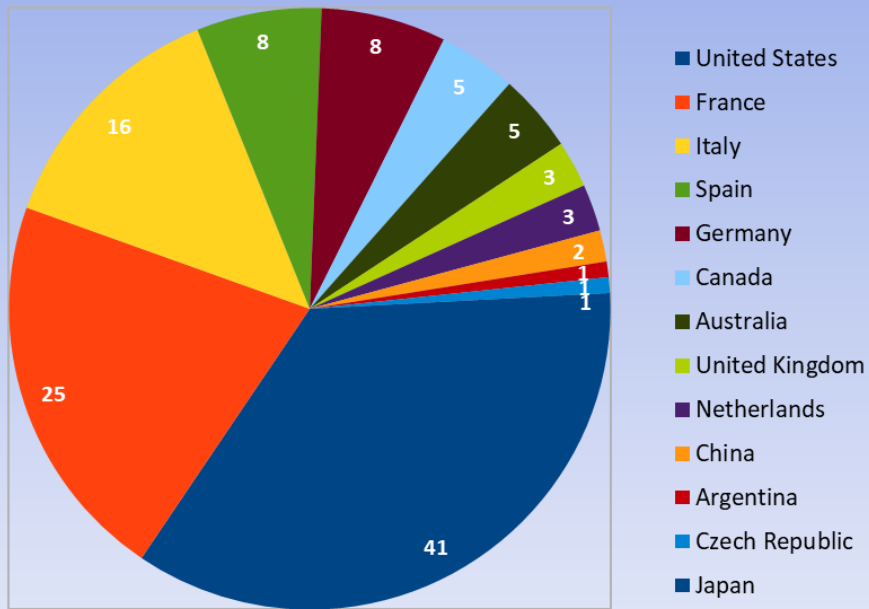


World-wide collaboration amongst astronomical VO projects

- Created in 2002, 23 projects today
- No formal funding, nationally funded projects
- Diversity makes IVOA's richness



Tucson Interop Meeting November 2023
Overall Attendance



IVOA Media Group – call for volunteers!



Please join to help us with:

Resuming IVOA Newsletter

- Last one from March 2022

(new) IVOA website

- More regular content update

IVOA Social media presence

IVOA meeting Tucson, November 2023, Closing Remarks

The screenshot shows the IVOA website interface. At the top, there is a navigation menu with links for Home, Astronomers, Deployers, Members, and About. Below this is the main header for the 'INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE'. The main content area is titled 'IVOA Newsletter' and includes a description of the biannual newsletter, the latest issue (025, March 2022), and a list of archives from 2008 to 2022. There are three columns of links for 'For Astronomers', 'For Deployers/Developers', and 'For Members'. A large banner image of a nebula is displayed, with a text box containing a draft link: https://sdc-dev.astron.nl/ivoa_web. Below the banner, there are sections for 'IVOA News' (March 2022 issue) and 'Upcoming Meetings' (Northern Fall Interop. 18-20 October 2022). At the bottom, there are four columns of links for 'For Astronomers', 'For Deployers/Developers', 'For Members', and 'About IVOA'. The footer includes the copyright notice '© IVOA.net'.

New IVOA Chair and IVOA Vice-chair As of today, for a duration of 18 months



IVOA Chair



Simon O'Toole

Head of Research Data and Software
Australian Astronomical Optics
Macquarie University

IVOA Vice-Chair



JJ Kavelaars

Head of CADC,
NRC's Herzberg Astronomy and
Astrophysics Research Centre

20-24 May 2024 interoperability meeting in Sydney



ADASS and IVOA Nov 2024 in Malta



ADASS on 10-14 Nov 2024

IVOA Interop Meeting on 15-17 Nov 2024

Hosted and organized by the University of Malta



Last but not least – thanks for the organization !



Special thanks to

- Tim for the coordination
- Ian and David for the tech support
- Emily for the nametags design
- Glenaver and Lubianca for everything else !