

Standing Committee for Science Priorities (CSP) status

Ada Nebot for the CSP



□ The CSP of the IVOA: who?

Who is the CSP?

- It is expected that the Standing Committee of Science Priorities will be consisted largely of members of the science community and active astronomy projects.

Membership

- Mark Allen, Christophe Arviset, Francesca Civano, Chenzhou Cui, Raffaele D'Abrusco, Vandana Desai, Gregory Dubois-Felsmann, Janet Evans, Pepi Fabbiano, Mark Lacy, Bruno Merin, Kai Lars Polterer, Enrique Solano
- Chair: Ada Nebot (3 years term) - ada.nebot@astro.unistra.fr
- **We are looking for a vice chair!**

<http://ivoa.net/twiki/bin/view/IVOA/IvoaSciencePriorities>

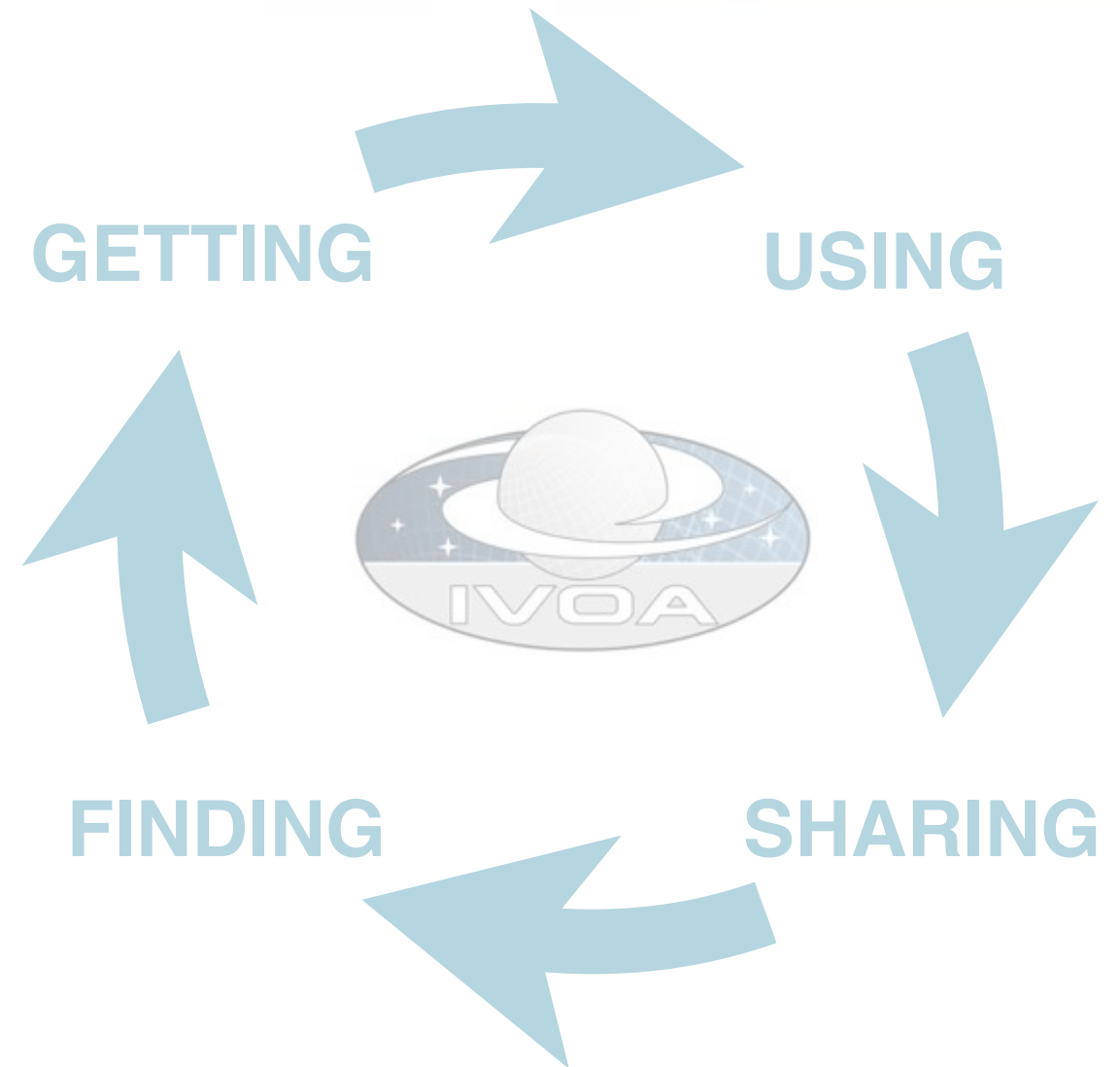
□ The CSP of the IVOA: what?

What is the goal of the CSP?

- Sustain the scientific impact of the VO as an interoperable ecosystem to support science
- Ensure continuous engagement of the international astronomical community

Astronomy community

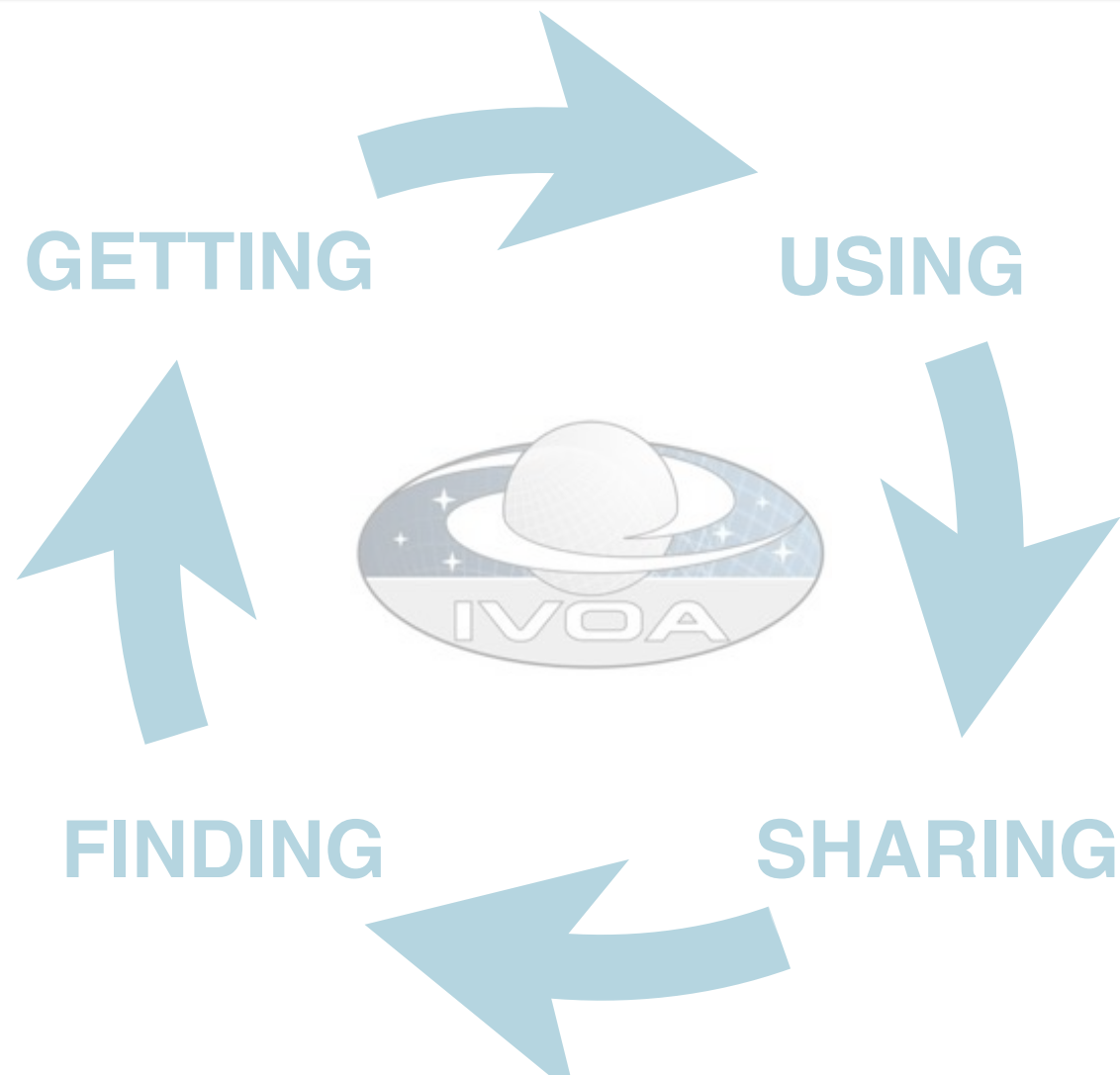
- The astronomy community comprises missions that are active or under development, operating observatories, astronomical archives, and teams of astronomers performing research and disseminating data products to the community.



□ The CSP of the IVOA: why?

Clear benefits

- Growth in the scientific return of data
- Capability to discover and fuse multiple data sets
- Application of the VO in planning new observations and observing strategies



□ The CSP of the IVOA: how?

Recommend scientific priorities and scientific requirements

- Driven by scientific use cases that are developed in cooperation with the scientific community.
- Will drive the development of new services, protocols and tools, which will be developed by the IVOA and coordinated by the TCG



➔ Identify and transmit the needs of the community

□ The CSP of the IVOA: where and when?

A world wide continuous effort

- Support the TCG in the development of protocols to ensure they meet the actual scientific requirements
- Support VO members in developing tutorials, technical and scientific workshops and scientific training materials.



□ Supporting the community

IVOA is made by and for the astronomical community

- There needs to be a constant dialogue between members of the IVOA and the astronomical community
- We work in services, in data centres, we contribute / drive the development of protocols, services, tools...
- We go to scientific conferences and technical workshops
- We have an Education Interest Group and we contribute to schools with scientific tutorials (presentations from Chenzhou Cui & Francisco Jimenez Esteban @ ADASS, Hendrik Heintz & Dave Morris @ ADASS & IVOA)
- ...

So... all is good?...

□ Learning from the community

... Well, we can always do better! Are we ...

- building standards, tools and services responding to scientific demands?
- building standards too specific or not specific enough?
- building standards simple to implement or too complicated?
- updating them too often or not often enough?
- missing types of data, areas of astronomy?
- engaging with large and small projects?
- aiming too far out or not far enough?
- attractive / visible enough?

➡ Challenge: following up on feedback from users

➡ Need to set priorities and specific requirements

You can help the CSP!

Share your experience with us

□ Panel session

How do we interact with astronomers to improve their experience with our services and tools and how can this help us to improve our services and tools?

- **Panel session:** Bringing services and tools to the research community
 - Date:** 2 Nov 2021, 20:30 UTC
 - Structure:** Panelists (30 min) + Q&A session (30 min)
- **Panelists:**
 - Tess Jaffe for NASA Astronomical VO
 - Gregory Dubois-Felsmann for IPAC
 - Enrique Solano for Spanish VO
 - Francesca Civano for Chandra
 - Simon O'Toole for ASVO
 - Bruno Merin for ESA

Share your experience with us

https://join.slack.com/t/ivoa/shared_invite/zt-x4mbgark-YySHrR64V_oH_ywHOmayAg