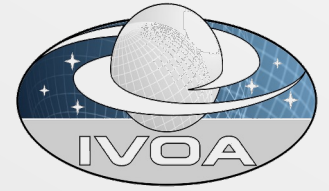


Thanks

- All the in-person attendees, in particular the newcomers
- Anne for her organization
- NASA NAVO, UMD, Anne Group, ACROSS and STScI





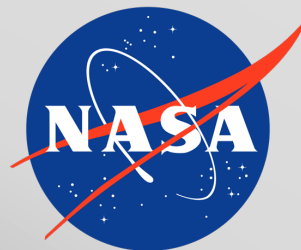
Standing Committee for Science Priorities (CSP) closing remarks

Francesca Civano

NASA - GSFC

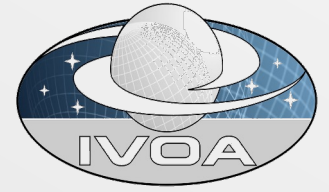
(Chief Scientist - Physics of the Cosmos Program)

Chair of the IVOA Committee for the Science Priorities



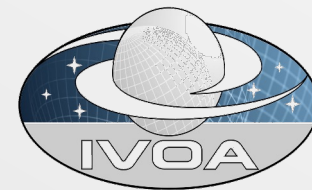
CSP status - Interop Spring 2025

Data management challenges and solutions



Missions presented: Large and small, current and future

- **Addressing the challenges faced by the Euclid mission and its users**
 - VO protocols are and will remain at the core of what we do
 - TAP queries: how to look at these types of numbers and query logs to get a sense of what the users are doing.
- **The Roman Space Telescope: Data Management Challenges & Solutions**
 - Taking the same approach to data as JWST: ASDF format
 - Taking the same approach of LSST
- **SPHEREx and the VO at IRSA**
 - Populated CAOM/ObsCore models together, content management is complicated by weekly SPHEREx releases - and performance will be increasingly strained as data size grows
 - ObsTAP was a good fit for SPHEREx spectral image search and considerably simplified IRSA's development of a search portal API
- **The COSI gamma-ray telescope: Data management challenges**
 - Each event measured by COSI is described by a minimum of 5 parameters
 - Instrument Response is complicated: 7D matrix
 - Will archive data in HEASARC; analysis tools are being developed in house
 - Not currently represented in the HEIG and will join the group



IVOA Participation in the IAU

Three talks were presented, aimed at reviewing participation to date and soliciting feedback on future participation.

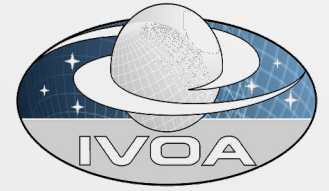
Summary points:

- There was a lot of appreciation of the work done by the speakers.
- Berriman's tenure as VO WG Chair ends in 2027.
- IVOA presence in last two General Assemblies (organized sessions, talks, authorship on papers.)
- Need a strategy for continued involvement in future meetings: next GA in Rome 2027. Should also consider involvement in regional meetings

Excellent suggestions made in the discussion:

- Prepare Focus Session proposal for GA 2027 (LOI due in Sep 2025, and proposal due in Dec 2025)
- Continue outstanding work on education and workshops
- Look into possibility of taking part in next Asian regional meeting
- Develop metrics for measuring impact of IVOA on IAU.
- Presentations on impact of VO on international archives (which have ready-made metrics!).

What's next



- Connect with the missions presented to review their needs
- IAU 2027 GA: coordinate session submission
- CSP
 - Revise membership list
 - Propose new member: P. Hasan
 - Revise engagement with IG