



Closing remarks

College Park, MD, USA

8-10 November 2018

Mark Allen

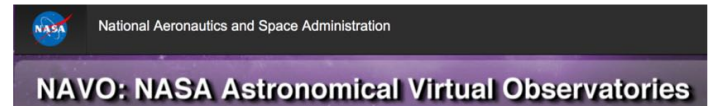
Centre de Données astronomiques de Strasbourg
Chair of the IVOA Executive Committee

IVOA Interoperability Meeting Opening Session



IVOA InterOp Meeting: Nov 8-10, 2018
College Park, Maryland, USA

Hosted by :



IVOA in 2018



- Newcomers – very welcome!
 - Stakeholders from missions/observatories
(more will come with new projects)
 - Some remedies for acronym overload are needed
 - IVOA Technical Glossary helps
 - Simplified Publishing to VO pages (work on this in progress – T. McGlynn)



Getting things done

- Face-to-face time at interop meeting is precious
- Convergence is worth the effort
- Engagement with large projects – progress to meet project timelines is important
- TCG and WG Chairs have very important role in the IVOA process – guide efforts through to completion 😊

- **VO Infrastructure and Astronomy**
 - Strength of IVOA to bridge scientific and technical issues
 - Balance of domain specific aspects, and technical infrastructure aspects
- **Toward *science analysis platforms***
 - Bulk data handling, computing to the data
 - Integration with popular systems – astropy
 - Hackathon mode – let's do more!

Among the Exec topics

- IVOA relationship to IAU
 - Following up connections made at IAU GA 2018
 - What is the future of the IAU Commission B2 WG “Virtual Astronomy and Data Centres” ?
 - A place to feed info from IVOA into IAU



IVOA Web and Wiki pages

- Web and wiki to be hosted in Trieste, Italy (Vobs.it)
 - Transfer in the hands of Trieste & IUCAA
- Plans for new web site design have been made by the IVOA Media Group
 - Requirements for home page – to be sent to exec
- Developer resources being arranged in Italy

Newsletter – please contribute!

IVOA Newsletter - August 2018

Subscribe | Newsletter archives | Write to the editors

IVOA Newsletter Editors: Deborah Baines, Bruce Bertman, Jamie Anne Budynikiewicz, Theresa Dower, Giulia Iafate, Shanshan Li, Simon O'Toole, Yihan Tao.

The International Virtual Observatory Alliance (IVOA) was formed in June 2002 with a mission to facilitate the international coordination of virtual observatories (VOs) necessary for the development and deployment of the tools, systems and organizations necessary to enable the international utilization of astronomical archives as an international virtual observatory. The IVOA now comprises 20 VO programs from Argentina, Australia, Brazil, Canada, Chile, China, Europe, France, Germany, Hungary, India, Italy, Japan, Korea, Mexico, Poland, Russia, South Africa, Ukraine, the United Kingdom, and the United States and an inter-governmental organization. Membership is open to other national and international programs according to the IVOA charter. You can read more about the IVOA and what we do at <http://ivoa.net/about/>.

What is the VO?

The Virtual Observatory (VO) aims to provide a research environment with capabilities for scientific research based on data discovery, efficient data access, and analysis. It connects astronomy archives connected via the VO to form a multiwavelength digital sky and analyzed in new and innovative ways. VO projects worldwide working together providing science capabilities with new tools and services. This newsletter, aimed at astronomers, provides tools and technologies for doing astronomy research, recent papers, and upcoming events.



Please submit your articles to ivoa-news-editors@ivoa.net by Monday 26th November 2018.

IVOA NEWS

Gaia DR2 and the VO: A two-way success story

When, on 25th April at 12:00 sharp, thousands of astronomers opened TOPCAT, searched for "Gaia DR2" and found four services (ARL, CDS, ESA, GAVO) willing to answer significantly complex queries over the impressive 1.7 billion source catalogue, very few were aware that perhaps the most intensive and decisive operational test since the formation of the VO in 2002 was running at that precise moment.

And it was a successful test. The VO behaved as good technology should behave: transparent to the users whilst empowering them to perform scientific queries without noticing the complexity of the standards and technologies around



VO tutorials in ADASS

All sky astronomy with HiPS and MOCS



A comprehensive use case scenario of VO standards and protocols



Education IG

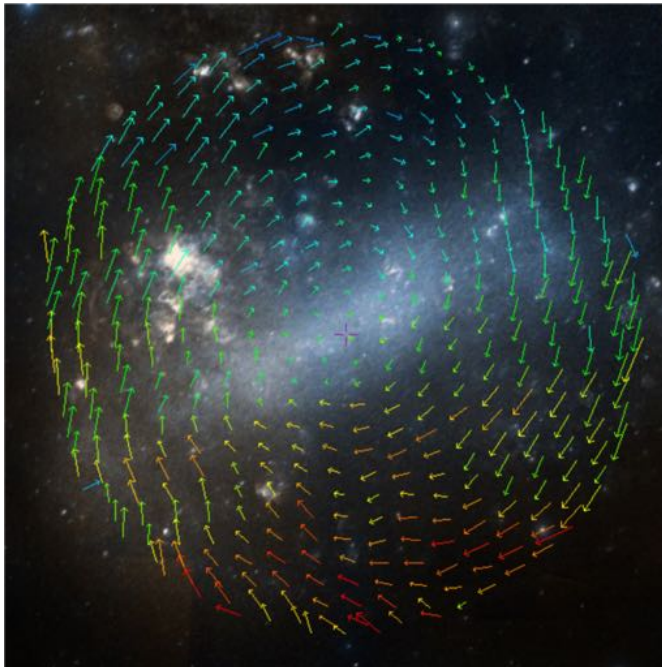


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3	00221861	+5151508	16.777390000000000	1.26, 50.901, 1.3300, 2.1
4	00221861	+5151508	16.777390000000000	1.26, 50.901, 1.3300, 2.1
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WG Chairs and Vice-Chairs

- **Applications:**
Tom Donaldson, Raffaele D'Abrusco
- **DAL:**
Marco Molinaro, James Dempsey
- **Registry:**
Theresa Dower, Pierre Le Sidaner
- **DM:**
Mark Cresitello-Dittmar, Laurent Michel
- **GWS:**
Brian Major, Giuliano Taffoni
- **Semantics:**
Mireille Louys, Markus Demleitner

Open in May 2019



IG Chairs and Vice-Chairs

- **DCP:**

André Schaaff, Tim Jenness

- **KDD:**

Kai Polsterer, Matthew Graham

- **Ops:**

Tom McGlynn, Mark Taylor

- **SS:**

Baptiste Cecconi, Steve Joy

Open in May 2019

Open in Dec 2018



TCG and Exec

TCG:

Patrick Dowler, Janet Evans

Exec:

Mark Allen, Chenzhou Cui

***Exec Secretary:* Janet Evans – end of 2018**



IVOA Interop May 2019 Paris

**IVOA Interop May 2019 in Paris, France.
From Sunday 12th to Friday 17th, May 2019**

- **Organising committee:** P. Le Sidaner, B. Cecconi, M. Louys, C.-M. Zwölf, R. Haigron, M. Servillat
- **Location:** Observatoire de Paris (central Paris: near Denfert-Rochereau)
Free on-site lunch should be provided



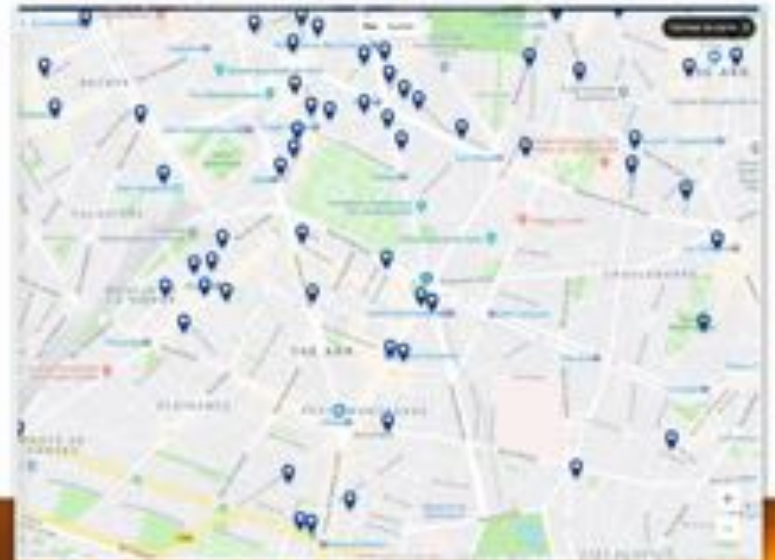


IVOA Interop May 2019 Paris

- **Accommodations:** some hotels in the Denfert-Rochereau area, more in the Montparnasse or Quartier Latin districts.

100-200€/night for booking.com 8+ score

Prefer hotels in the center and southern part of Paris, with direct métro connection (avoid cheap hotels near Gare du Nord)





IVOA Interop May 2019 Paris

- **Website:** <https://indico.obspm.fr/event/64/> (still preliminary)
- **Highlights** (still TBC):
 - The NenuFAR instrument, a pathfinder for SKA-Low (P. Zarka, TBC)
 - Archiving research by field surveys in contemporary history and ethnography (F. Weber, TBC)
- **Sponsors:** OV-France, Europlanet, CNES, CNRS, Observatoire de Paris
- **IPDA meeting organized at the same place, the week before**
If you would like to attend: please contact me.



Many thanks to our hosts and local organizers !



IVOA InterOp Meeting: Nov 8-10, 2018
College Park, Maryland, USA



National Aeronautics and Space Administration

NAVO: NASA Astronomical Virtual Observatories