

# Closing Remarks

Paris, France

17 May 2019

## Mark Allen

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

**IVOA Interoperability Meeting**  
**Closing plenary session**



International Virtual Observatory Alliance

*Credit: X-ray: NASA/CXC/CfA/R. Tullmann et al.; Optical: NASA/AURA/STScI*

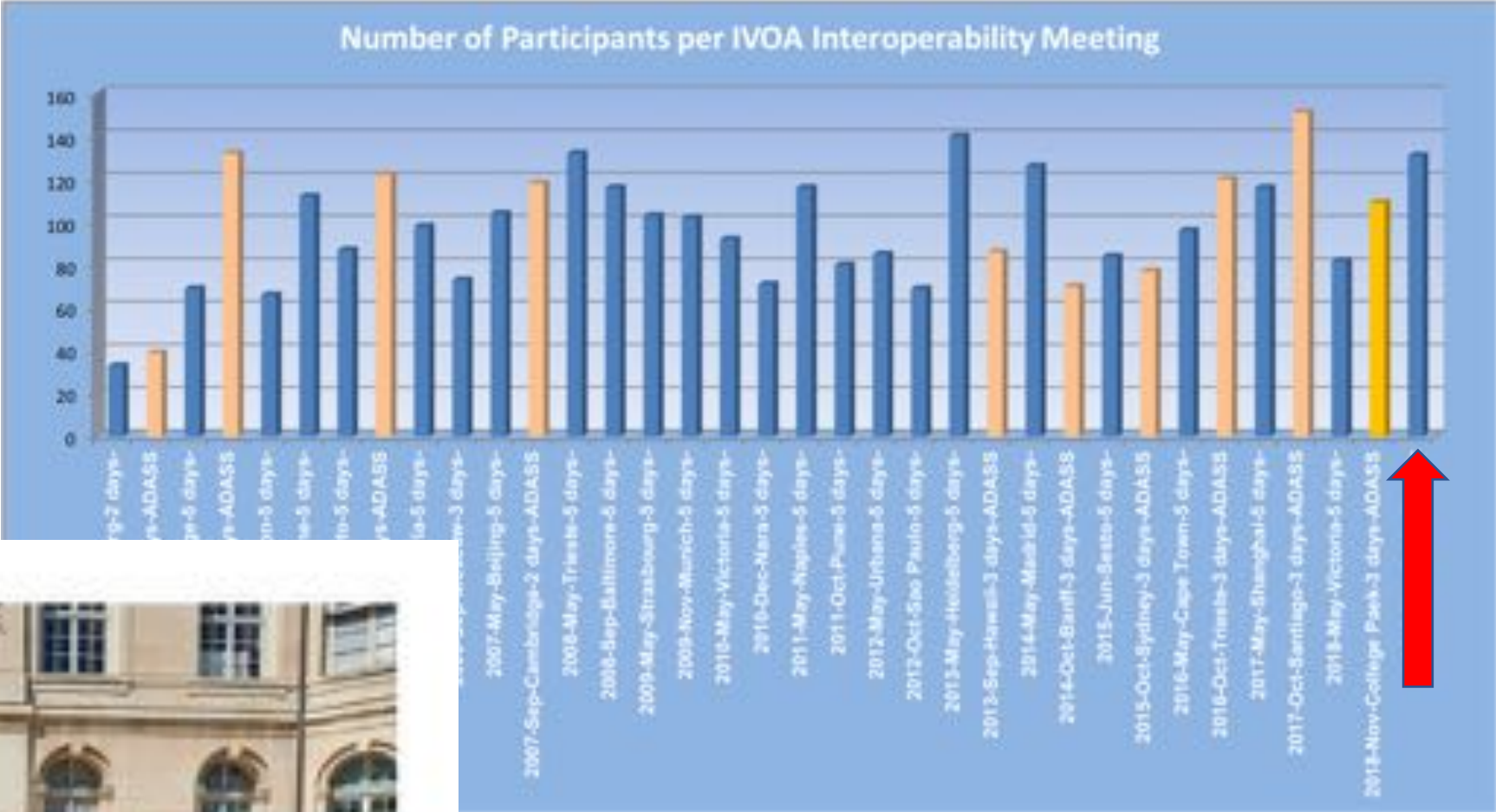


Hosted by Observatoire de Paris

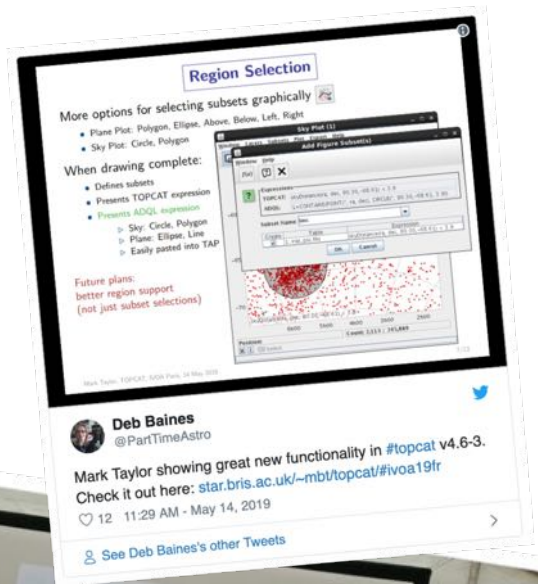


# Participation

131



# Social media: #ivoa19fr



# This meeting

- **Core work of the IVOA in WG and IG sessions**
  - Thanks to everyone! In particular TCG Chair and Vice Chair – Pat and Janet
  - Managing the sometimes difficult path to **rough consensus**
  - New innovations, implementations, tools, services, toward new science
- **CSP Focus Session**
  - Big Data Challenges in Astronomy
  - VO relevance, readiness, maturity, involvement – a solid foundation to build on
- **Astropy-VO Sprint/Hackathon - *Experiment***
  - Thanks especially to Tom Donaldson, Erik Tollerud, Bruno
- **Solar System** plenary session – IPDA participation, EST newcomer
- **Planetarium Society input** – links to education, Data to Dome



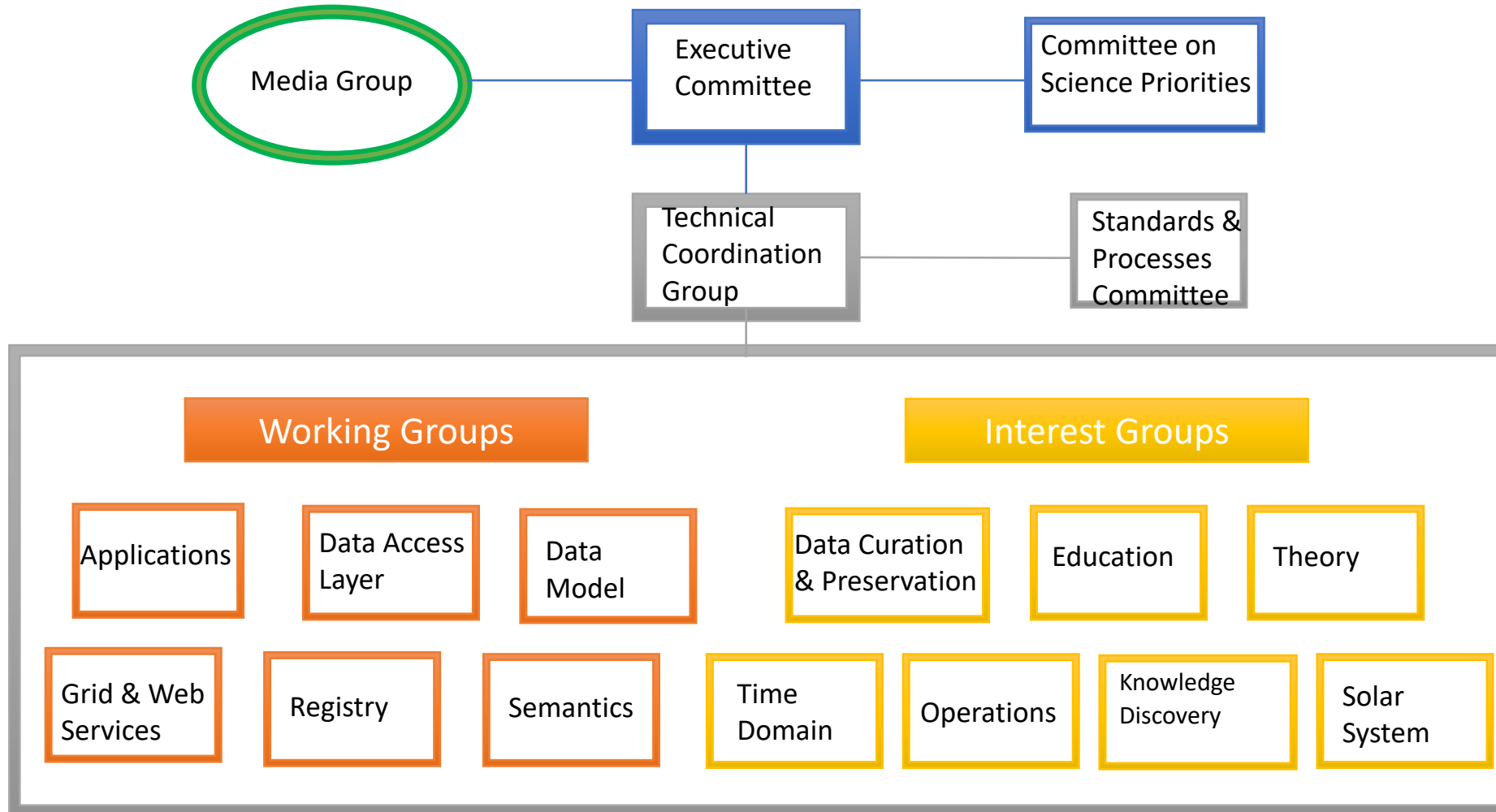


Set of reports from projects:

<https://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaExecMeetingFM84>



# IVOA Organization Chart



# Working Group and Interest Group Chairs/Vice Chairs

**An enormous thanks to the Chairs at the end of their terms:**

- **Mark Cresitello-Dittmar** – Data Model WG (5/2015-5/2019)
- **Mireille Louys** - Semantics WG Chair (6/2015-5/2019, v.Ch. 6/2012-6/2015)
- **Brian Major** – Grid and Web Services WG (5/2015-5/2019, v.Ch 5/2014-5/2015)
- **Tom McGlynn** – Operations IG ( 5/2015-5/2019 )





# WG Chairs and Vice-Chairs

- **Applications:**

**Tom Donaldson, Raffaele D'Abrusco**

- **Data Access Layer:**

**Marco Molinaro, James Dempsey**

- **Data Models:**

**Mark Cresitello-Dittmar, Laurent Michel**

- New Chair: **Laurent Michel (Obs Strasbourg)** New Vice Chair: **Jesus Salgado (ESAC)**

**Open in May 2019**  
**Approved at this meeting**



# WG Chairs and Vice-Chairs

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Approved at this meeting

- ***Semantics:***

Mireille Louys, Markus Demleitner

- New Chair: **Markus Demleitner (UHEI)** New V. Chair: **Carlo Maria Zwölf (Obs Paris)**

- ***Registry:***

Theresa Dower, Pierre Le Sidaner

- ***Grid and Web Services:***

Brian Major, Giuliano Taffoni

- New Chair: **Giuliano Taffoni (INAF)** New Vice Chair: **Christine Banek (LSST)**



# IG Chairs and Vice-Chairs

- ***Data Curation and Preservation:***  
**André Schaaff, Tim Jenness**

- ***Knowledge Discovery :***  
**Kai Polsterer, Matthew Graham**

- ***Operations:***  
**Tom McGlynn, Mark Taylor**

- New Chair: **Mark Taylor (Bristol)** New Vice Chair: **Steve Groom (IRSA)**

**Open in May 2019**  
**Approved at this meeting**



# IG Chairs and Vice-Chairs

- ***Solar System***

**Baptiste Cecconi, Steve Joy**

- ***Time Domain:***

**Ada Nebot, Dave Morris**

- Renewed Vice Chair: **Dave Morris (U. Edinburgh)**

- ***Theory***

**Carlos Rodrigo**

- Renewed Chair: **Carlos Rodrigo (INTA)** New Vice Chair: **Gerard Lemson (JHU)**

- ***Data Curation and Preservation***

**André Schaaff, Tim Jenness**

**Open in May 2019**  
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# Newsletter – please contribute!

## IVOA Newsletter - January 2019

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IVOA Newsletter Editors: Deborah Baines, Bruce Berriman, Jamie Anne Budynkiewicz, Theresa Dower, Giulia Iafraite, Shanshan Li, Simon O'Toole, Yihan Tao.

The International Virtual Observatory Alliance (IVOA) was formed in June 2002 with a mission to facilitate international coordination and collaboration necessary for the development and deployment of the international virtual observatory. The IVOA now comprises an integrated and interoperating virtual observatory. The IVOA now comprises Armenia, Australia, Brazil, Canada, Chile, China, Europe, France, Germany, India, Italy, Japan, Korea, Russia, South Africa, Spain, Ukraine, the United Kingdom, and the United States. The IVOA is a member of the European Space Agency (ESA). Membership is open to other national and international organizations. [Read more about the IVOA and what we do.](#)

### What is the VO?

The Virtual Observatory (VO) aims to provide new possibilities for scientific research based on data discovery, efficient data access, and analysis. The VO is a virtual environment where astronomical data and services are connected via the VO to form a multi-wavelength, multi-instrument, and analyzed in new and innovative ways. VO projects worldwide are providing science capabilities with new tools and services. This newsletter provides tools and technologies for doing astronomy research, recent papers, and upcoming events.

## IVOA NEWS



### College Park IVOA Interoperability Meeting

The Northern Fall IVOA Interoperability Meeting was held on November 8-10, 2018 in College Park, Maryland, USA, supported by the NASA Astronomical Virtual Observatories (NAVO) and the US Virtual Observatory Alliance (USVOA). There were 109 registered participants who gathered for two and a half days of productive discussions.

The Working Group and Interest Group sessions covered scientific and technological aspects of interoperability of astronomy data and services. Many presentations reported on practical implementations of IVOA standards, showing results and providing feedback. Progress was reported on the 'Time

Domain' priority area. A number of contributions focussed on emerging needs of the astronomy community such as standards to support multi-messenger astronomy, and improving the access to VO resources via python language tools. Other topics included the status of operations in 'VO weather reports' and the use of Digital Object Identifiers (DOI) for data and metadata.



- IVOA News
- Schools and Workshops
- VO Applications and Implementation highlights
- Recent papers about VO-enabled science
- VO Calendar

# Groningen October 11-13, 2019

## *After ADASS XXIX (Oct 6-10)*



The 29th annual international Astronomical Data Analysis Software & Systems (ADASS) conference will be held October 6-10, 2019 at MartiniPlaza, Groningen, The Netherlands. The International Virtual Observatory Alliance (IVOA) meeting will follow ADASS on October 11-13, 2019. We look forward to seeing you there!



Sydney, Australia – May 2020





Thanks to our local organisers

