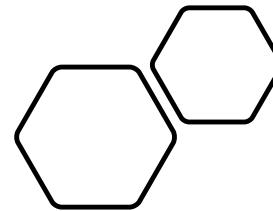


# IVOA Engagement with the IAU: Welcome and Introduction

Virtual IVOA Interoperability Meeting, April 2022

<https://wiki.ivoa.net/twiki/bin/view/IVOA/InterOpApr2022Exec>

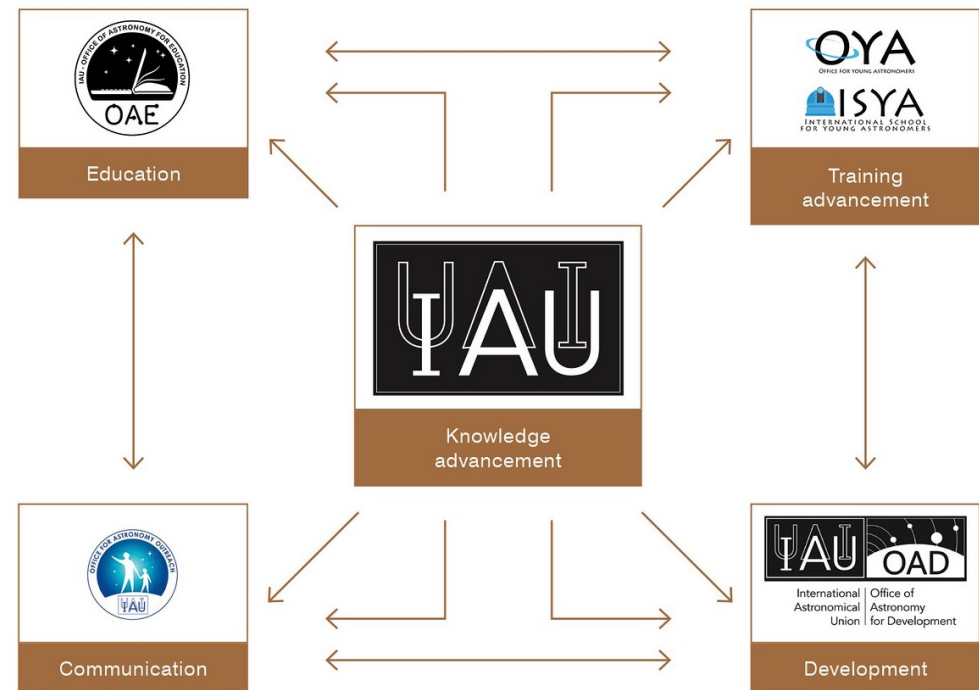


G. Bruce Berriman

# The International Astronomical Union

<https://www.iau.org/>

“The International Astronomical Union (IAU) was founded in 1919. Its mission is to promote and safeguard the science of astronomy in all its aspects, including research, communication, education and development, through international cooperation.”



# IAU Divisions

## Divisions

Activities in the various astronomical sub-disciplines are mostly coordinated through the IAU Divisions.

Following the adoption of the Executive Committee Resolution at the XXVIIIth General Assembly held in Beijing, a new Division scheme was put into place, to take into account the evolution of astronomy and to reflect the scientific policy of the IAU.

These Divisions all include one or more IAU Commissions, each focusing on a narrower scientific or organizational theme.

All Active IAU Members belong to at least one Division. In order to join a Division the member should contact the [IAU Secretariat](#).

For information Divisions please see the [Statutes](#), [Bye-Laws](#) and [Working Rules](#) pages.

A document with an overview of the duties of Division Presidents can be found [here](#).

The list of Divisions adopted in Beijing is as follows:

- [Division A Fundamental Astronomy](#)
- [Division B Facilities, Technologies and Data Science](#)
- [Division C Education, Outreach and Heritage](#)
- [Division D High Energy Phenomena and Fundamental Physics](#)
- [Division E Sun and Heliosphere](#)
- [Division F Planetary Systems and Astrobiology](#)
- [Division G Stars and Stellar Physics](#)
- [Division H Interstellar Matter and Local Universe](#)
- [Division J Galaxies and Cosmology](#)

## [Past Division Steering and Organizing Committees](#)

# The IVOA and the IAU

- The IVOA was asked to be a member of the newly approved Division B working group: “Laboratory Astrophysics Data Compilation, Validation and Standardization : from the Laboratory to FAIR usage in the Astronomical Community”
- The IAU approved the formation of a Functional Working Group on the “Virtual Observatory” within Division
- Presentations at “Division B Day” at IAU General Assembly in August 2022: “Science With The VO,” and “FAIR Standards And The IVOA.”

# Collaboration between IVOA and IAU OAD

MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE INTERNATIONAL VIRTUAL OBSERVATORY ALLIANCE (IVOA)  
AND  
THE OFFICE OF ASTRONOMY FOR DEVELOPMENT (OAD)

1. Background  
1.1 The International Virtual Observatory Alliance

Approved and agreed:

International Virtual Observatory Alliance  
*Chenhou Cai*  
Chenhou Cai  
Exec Chair  
Date: March 03, 2021

Office of Astronomy for Development:  
*Kevin Govender*  
Kevin Govender  
Director  
Date: March 03, 2021

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Partners  
IAU Office of Astronomy for Development (OAD)  
Guidelines for Participation

The first official partner for the IVOA

For Astronomers  
Getting Started / Using the VO  
VO Gateway / VO Applications  
IVOA newsletter / VO for Students & Public


For Deployers/Developers  
Intro to VO Concepts / IVOA Standards / Guide to Publishing in the VO / Technical Support

For Members  
IVOA Calendar / Working Groups / Tools / Documents in Progress / Making Lists / IVOA Roadmap

Partners & Networks - IAU

HOME OUR WORK - IMPACT - REGIONS - ABOUT US - CONTACT

International Virtual Observatory Alliance (IVOA) - The IVOA was formed in June 2002 and aims to facilitate international coordination and collaboration in tools, systems and organizational structures for astronomical archives. The IVOA now comprises 20 Virtual Observatory programmes from Argentina, Armenia, Australia, Brazil, Canada, Chile, China, Europe, France, Germany, Hungary, India, Italy, Japan, Russia, South Africa, Spain, Ukraine, the United Kingdom, and the United States and an inter-governmental organization (ESA). The purpose of the partnership is to bring together the complementary resources and expertise of the IVOA and the OAD to advance the application of astronomical data and/or technology use in different areas of society, most notably for education, development and public outreach.



# Today's Program

Speaker	Title	Time (min)
Bruce Berriman	Welcome And Introduction	5
Gabriele Giovannini (Division B President)	IAU Division B structure and possible connections with IVOA	8
Marie-Lise Dubernet (IAU Lab Astro WG Chair)	FAIR usage of Atomic and Molecular Data in Astro applications : Role of IVOA	8
Vanessa McBride (IAU OAD)	The IVOA in support of astronomy for development	8
Chenzhou Cui Division B Data and Documentation President)	VO resources for astronomical education and collaboration prospects	8
All	Discussion	20
Bruce Berriman	Summary	3