

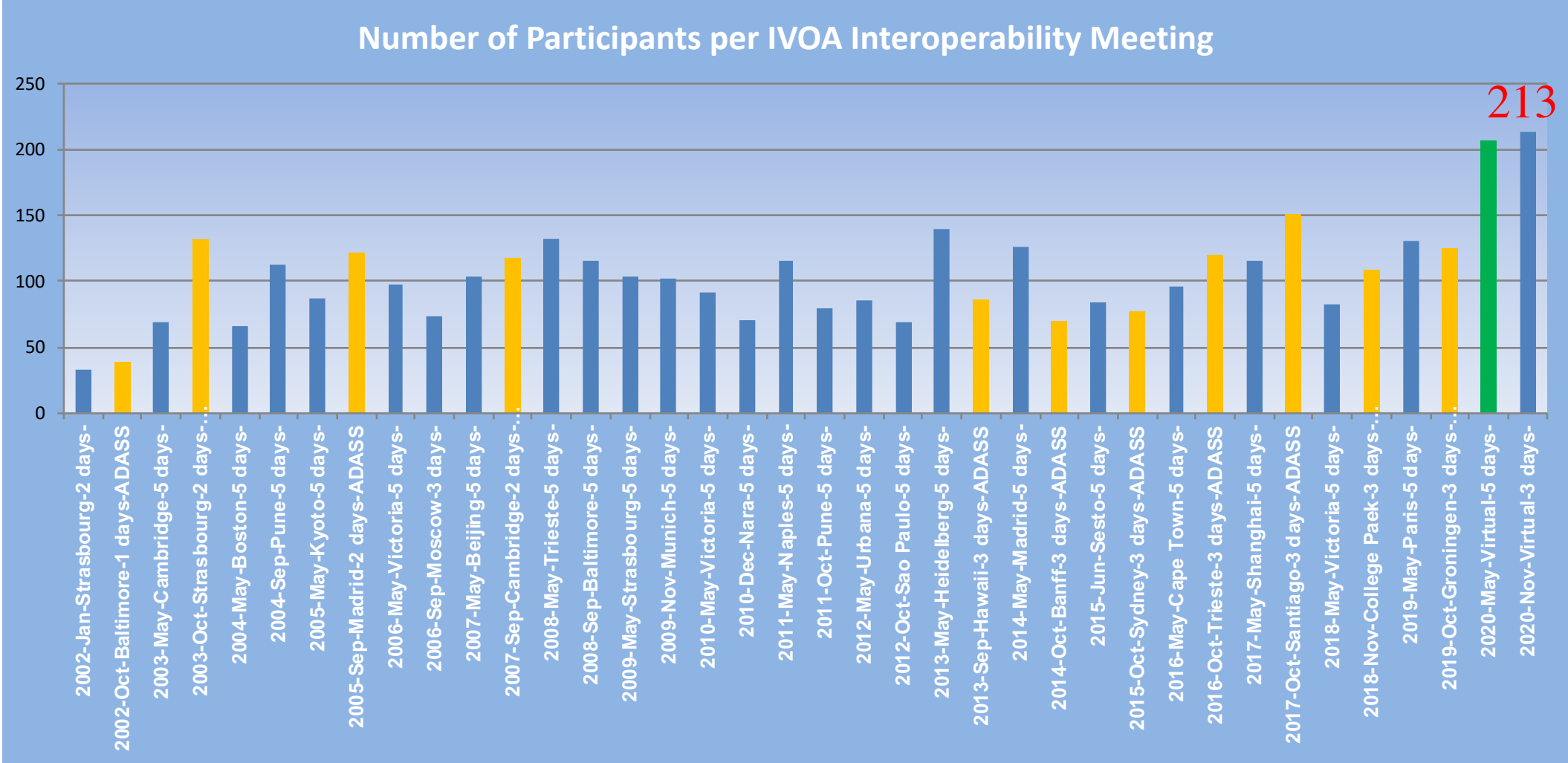


Summary from the IVOA Exec for the Virtual IVOA Interop Meeting, Nov. 2020

Bruce Graham, Chenzhou Cui

On behalf of the IVOA Executive Committee

Good Participation



IVOA Northern Fall Interop Virtual Meeting 2020



Well organized and good attendance

- 13 WG/IG sessions
- With opening and closing sessions
- 60-90 participants per session

Sincerely thanks to:

- Janet Evans, Pat Dowler
- Marco Molinaro and Vobs.it team
- The rest of the TCG
- Enrique Solano (SVO)
- Zoom and Etherpad managers and volunteers
- Interop community contributors



IVOA November 2020 Interoperability Meeting

17-19 November 2020
Online
UTC timezone

Overview
Programme
Registration
Call for Contributions
Participant List
Meeting help-desk
✉ virtual2020@ivoa.net

The IVOA November 2020 Interoperability meeting organization will be similar to the [last \(May\) Interoperability Meeting](#). We will use Zoom as our shared remote service, and Etherpad for live notes and questions. We are planning to keep presentations to a single thread (no parallel sessions) and save a good amount of the time for your input and discussion. Sessions will be recorded and posted so that if you miss a session you can go back and view it. We will work to schedule sessions with reasonable times during the day for 2 of the 3 sessions a day in your time zone.

The meeting schedule will be made up of sessions of the IVOA Working Groups and Interest Groups. In addition, we envision asking the community for topics/presentations as we did last time. We plan to make a slight adjustment in that we will welcome smaller proposals with >1 presenter in a session as well as longer proposals that take the hour.

The meeting schedule is available [here](#).

Starts 17 Nov 2020, 04:30
Ends 19 Nov 2020, 23:00
UTC

Online

We are working hard even in the very special year

- Two fruitful Interop Meetings
- TCG, 10 telecons
- Exec, 6 telecons
- WGs, dozens of VMs
- + Special workshops

IVOA Northern Fall Interop - Nov 17-19 UTC

The meeting organization will be similar to the May Virtual Interop meeting. We will use Zoom as our shared remote service, and Etherpad for live notes and questions time for your input and discussion. Sessions will be recorded and posted so that if you miss a session you can go back and view it. We will work to schedule sessions

The meeting web pages to register to the event (no fee) is open.

[InterOpNov2020Abstracts](#): contains abstracts for many of the talks (also available as [PDF](#)).

The IVOA Helpdesk email for questions - virtual2020@ivoa.net

All times are in UTC -- check your local times <https://www.worldtimebuddy.com/>

Programme

Session	Time (UTC)	Elapse time	Session
Tuesday Nov 17 2020 @ 06:00 UTC			
ZOOM LINK for Tuesday: meeting ended			
1	06:00 UTC	10 min	Welcome and Logistics
		20 min	State of the IVOA
		10 min	Committee on Science Priorities (CSP) report
		20 min	State of the Technical Coordination Group (TCG)
	07:00 UTC	Break - 10 min	
2		50 min	Charge to WG/IGs
	08:00	Break - 5.5 hours	
3	13:30	60 min	DAL 1
	14:30	Break - 30 min	
4	15:00	60 min	DM 1
	16:00	Break - 4.5 hours	
5	20:30	60 min	Radio IG
	21:30	Break - 30 min	
6	22:00	60 min	Apps 1
	23:00	End of Session	
Wednesday Nov 18 2020 @ 06:00 UTC			
ZOOM LINK for Wednesday: https://zoom.us/j/94310872351?pwd=Q2N0QmZWUk2eVhxazNYZTVPb1EyUT09			
7	6:00	60 min	DM2
	07:00	Break - 6.5 hours	
8	13:30	60 min	Operations

Following the Science-driven and Technical-enabled Principle

- Science platforms are being developed to allow researchers to efficiently analyze big data sets, enable analysis close to the data, support online data mining and machine learning.
- Closer links with astronomers through the VO-Driven Science Platforms and revision of the CSP charter.
- Improve our visibility by wider and deeper collaborations with astronomical science bodies, for example IAU-OAD.



Challenges and Future Trends

- **Challenges**

- Single Sign-On (SSO) and interconnection among different science platforms: **authentication and authorization**

- **Trends**

- **Hybrid networks**: Internet, mobile Internet, Satellite Internet, 5G, etc.
- **Really big data**: time-domain, multi-messenger astronomy
- **AI**: Data mining and machine learning
- **Citizen science**: Inclusion, Diversity and Equity



WG/IG Chair and Vice Chair renew

- Solar System IG
 - Chair: Baptiste Cecconi (1 yr ext. to May 2021)
- **Open positions**
 - Vice Chair - Time Domain Interest Group
 - Vice Chair - Theory Interest Group
- **There will be more turnover to WG/IG leads in May 2021 so to stay involved!!**

You are always welcome to send your interests for Chair and V Chair positions to the IVOA Exec and TCG (Chairs and V Chairs)



Our next Interop Meeting in
May 2021 will be VIRTUAL

Please stay safe and healthy!