

IVOA Status

Paolo Padovani

Chair, IVOA Executive Committee

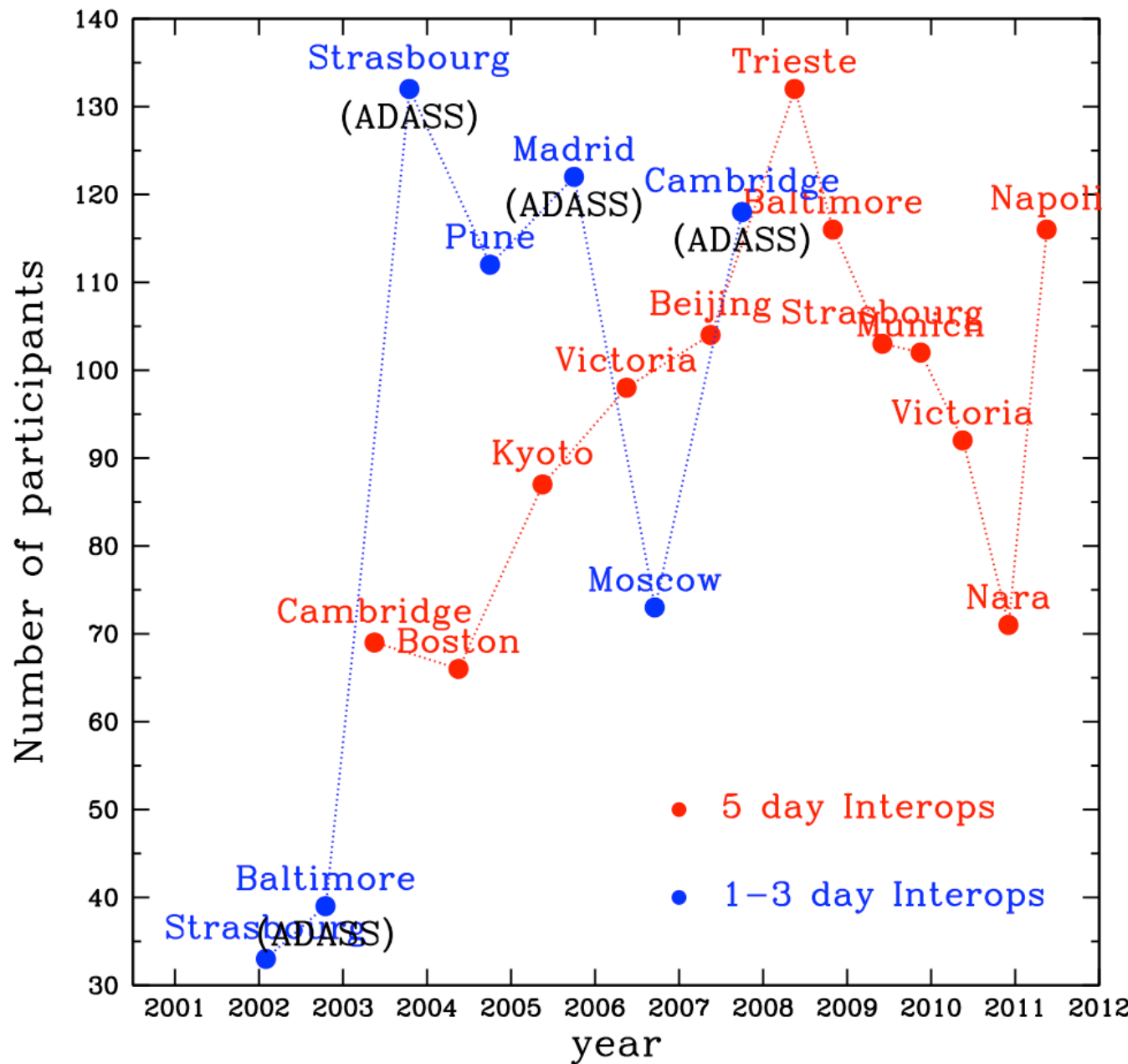


IVOA Goals and Modus Operandi

- The final goal of the VO is to facilitate and foster astronomical research and astronomers are its ultimate users
- Therefore, scientific requirements should drive the IVOA
- The IVOA should push forward and implement the standards, which are needed to reach the scientific goals
- Standards are “the means, not the end”
- The IVOA Standing Committee on Science Priorities (CSP) is there “to identify research needs of the worldwide astronomy community that can benefit from VO related tools and services, and to take action within the context of the IVOA to assist in placing such tools and services into the research community”



IVOA Interop attendance



IVOA related events since the Nara Interop

- Argentina new IVOA member as of February: Nuevo Observatorio Virtual Argentino (NOVA: <http://nova.org.ar>)
- Astroinformatics School in Perth, Australia (Feb. 16 – 18)
- Gretchen Greene is the new Registry WG chair, and Pierre Le Sidaner is vice Chair
- Exec telecon on March 15
- EuroVO ICE School in Strasbourg (March 21 – 24)
- IVOA Newsletter



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Bienvenidos

Febrero de 2011: la Alianza Internacional de Observatorios Virtuales ha aceptado la membresia de NOVA (www.ivoa.net)

Septiembre 2010: El logo diseñado por la Srta. Laura Belez Diaz resulto ganador en el concurso llamado por NOVA en agosto 2010. Felicitaciones!

El premio fue entregado por el Dr. Ahumada en representacion de NOVA. Participaron de la entrega el Dr. Lapasset (Director OAC) y el Dr. Hernan Muriel (Presidente AAA). El premio fue donado por la Asociacion Argentina de Astronomia (AAA).([ver foto](#))

Welcome

February 2011: the International Virtual Observatory Alliance has accepted the membership of NOVA (www.ivoa.net)

September 2010: The logo designed by Miss Laura Diaz Belez was the winner in the contest called for by NOVA in August 2010.

On behalf of NOVA, Dr. Ahumada presented the price to Ms Belen. Dr. Lapasset (OAC Director) and Dr. Hernan Muriel (AAA President) shared the ceremony.([see photograph](#))

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IVOA related events since the Nara Interop



IVOA Interop, Napoli, May 16 - 20, 2011 - IVOA Status - 6



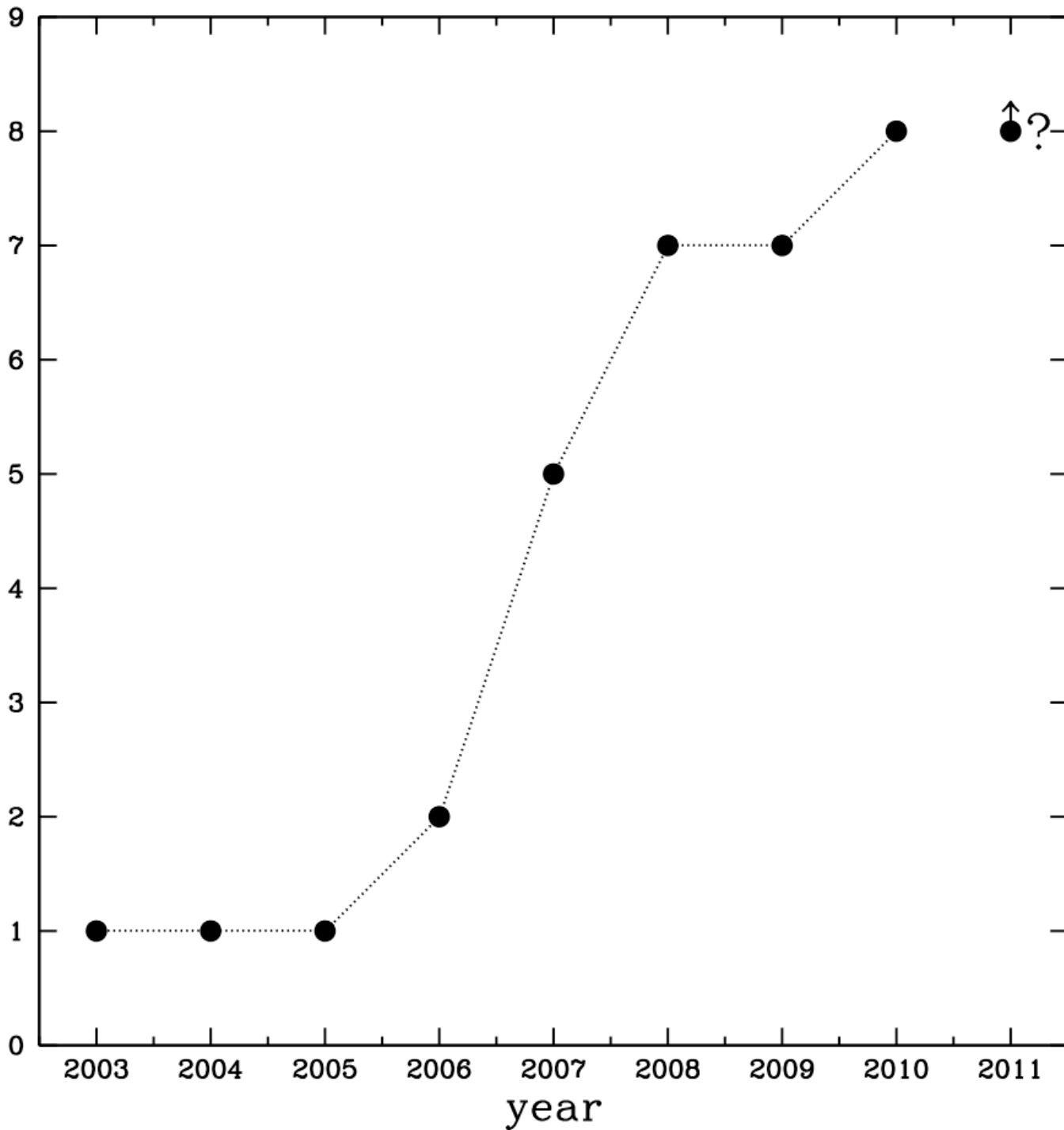
Status of IVOA standards

- Web Service Basic Profile 1.0 and SAMP 1.2 approved by Exec
- IVOA Support Interfaces (VOSI) 1.0 end of TCG review; VOEvent 2.0 just started
- Four more documents under RFC
- More on this from Christophe
- Do we have all the basic standards or do we need more (see Photometry DM)?
- Is there a need for a revision of some of the “old” standards (see SSA 1.1 [RFC], and 1.2, Spectrum DM 1.2)?
- Implementation and feedback session for WGs (TAP implementation session on Wednesday: DAL/Applications)



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Status of IVOA standards

- TCG meetings extremely useful (also TCG telecon ~ 10 days before the Interop)!
- Splinter meetings and hack-a-thon on Wednesday and Thursday afternoon (please register!)
- Science needs leading the process (Committee on Science Priorities):
 - ✓ ObsCore document under RFC!
 - ✓ Joint Spectral Energy Distribution (SED)/DAL/DM Session
 - ✓ Search for Classes/List of Objects: implementation needs addressed in DAL, Registry, and Applications sessions



- Importance of education and outreach clearly recognized
- Many IVOA projects already carrying out such activities
- First Virtual Observatory and Education Session:
 - ✓ three sessions, one plenary
 - ✓ broad coverage, both geographically and topically
- Could/should become a standard feature of IVOA interops?



Possible New IVOA Members

- Bulgaria: interested
- Chile: under development
- Portugal: interested
- Romania: interested (and Romanian attendee here)
- Serbia: enquired about application procedure (and Serbian attendees here)
- Ukraine: enquired about application procedure



Inactive IVOA Members

- Australia: new contact point (Andreas Wicenec), willingness to be more active



- Expiring WG Chairs and vice Chairs
- Review of the Standing Committee on Science Priorities
- Argentina, Australia, and Brasil VO status
- Large projects and surveys and the IVOA



Upcoming IVOA related events

- JENAM 2011 Special Session: *Science with the Virtual Observatory*, Saint Petersburg, Russia, July 5, 2011
- *New Horizons in Time Domain Astronomy*, Oxford, September 19 – 23, 2011
- IVOA Interop in Pune, India, October 17 – 21, 2011



- Thanks to the Programme Organizing Committee and to the Local Organizing Committee!
- Vedi Napoli e poi muori (“See Naples and die”)
- Wishing us all a great and proficuous Interop

