



State of the IVOA

Christophe Arviset
Chair of the IVOA Executive Committee

IVOA Interop Meeting Opening Session
Trieste, Italy, 21/Oct/2016



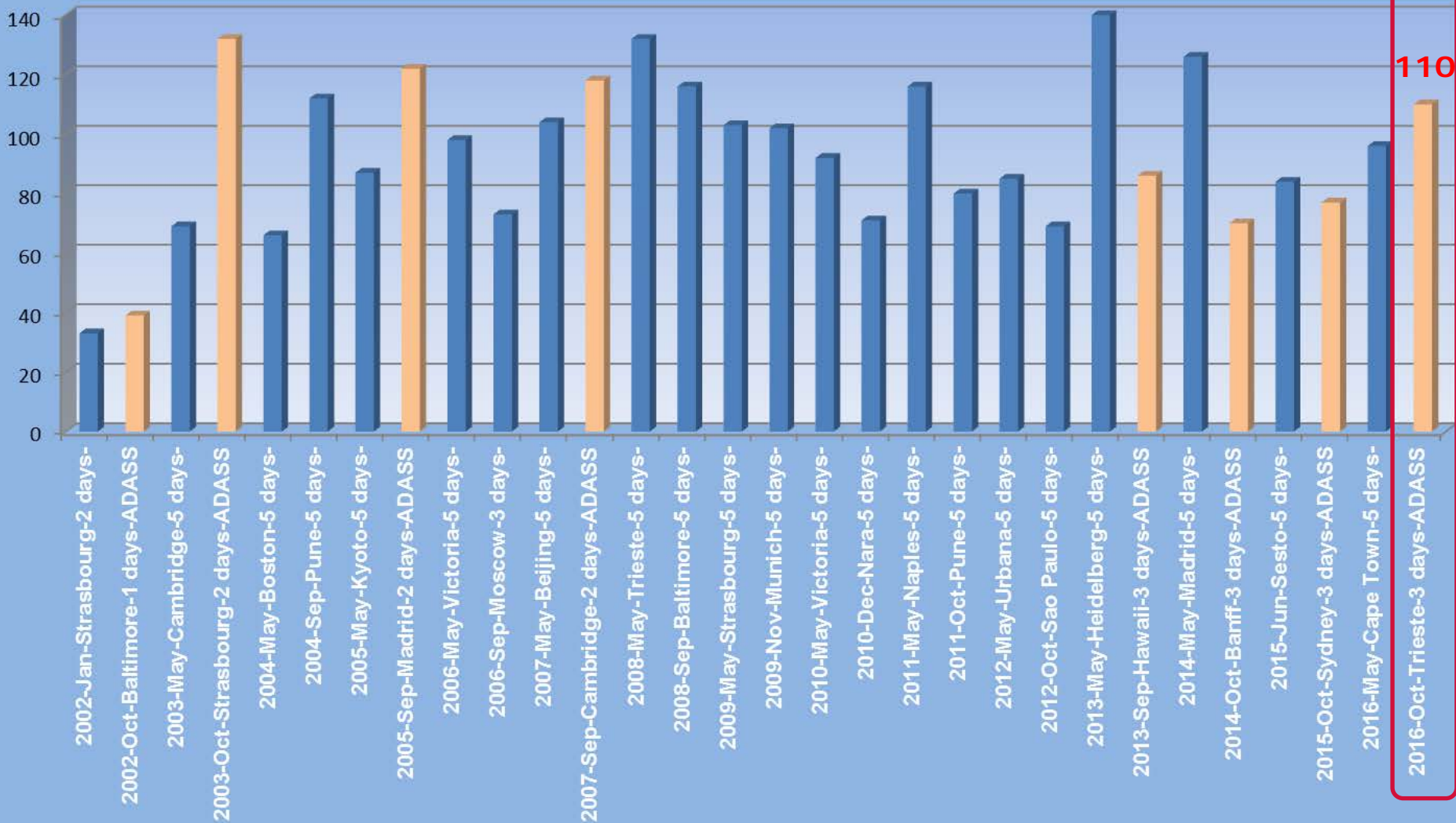
As usual a great couple !



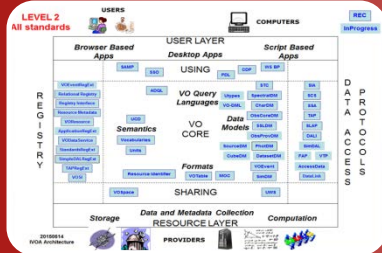
Participants per Interop



Number of Participants per IVOA Interoperability Meeting



Vision of the IVOA



Develop an interoperable data management framework for astronomy

- Interoperability standards (VO framework) amongst astronomical (ground and space based) archives
- Publishing tools for data centres



Enable new science through the VO

- Multi wavelength science, combining datasets from multiple sources
- Data discovery and data access tools
- Data analysis and visualization tools



World wide collaboration amongst astronomical VO projects

- Created in 2002, 20 projects today
- No formal funding, nationally funded projects
- Diversity makes IVOA's richness

IVOA Organization



Executive Committee

- IVOA Chair, IVOA vice-Chair (rotating, 18 months term)
- Representatives from all national VO projects

Committee on Science Priorities

- Identify research needs of the worldwide astronomy community that can benefit from VO related tools and services,
- Take action within the context of the IVOA to assist in placing such tools and services into the research community

Technical Coordination Group

- Develop IVOA interoperability standards to support science cases
- 6 Working Groups defining interoperability standards
- 6 Interest Groups
- Standard and Processes Committee

New IVOA Chair and vice Chair (as of the end of this interop)



New IVOA Chair: Pepi Fabbiano, CfA



New IVOA vice-Chair: Mark Allen, CDS

IVOA TCG changes since last interop



1. John Swinbank as TD IG Chair
2. Dave Morris as TD IG vice chair
3. Carlos Rodrigo as Theory IG Chair
4. Still vacant
 - a. Theory IG vice Chair

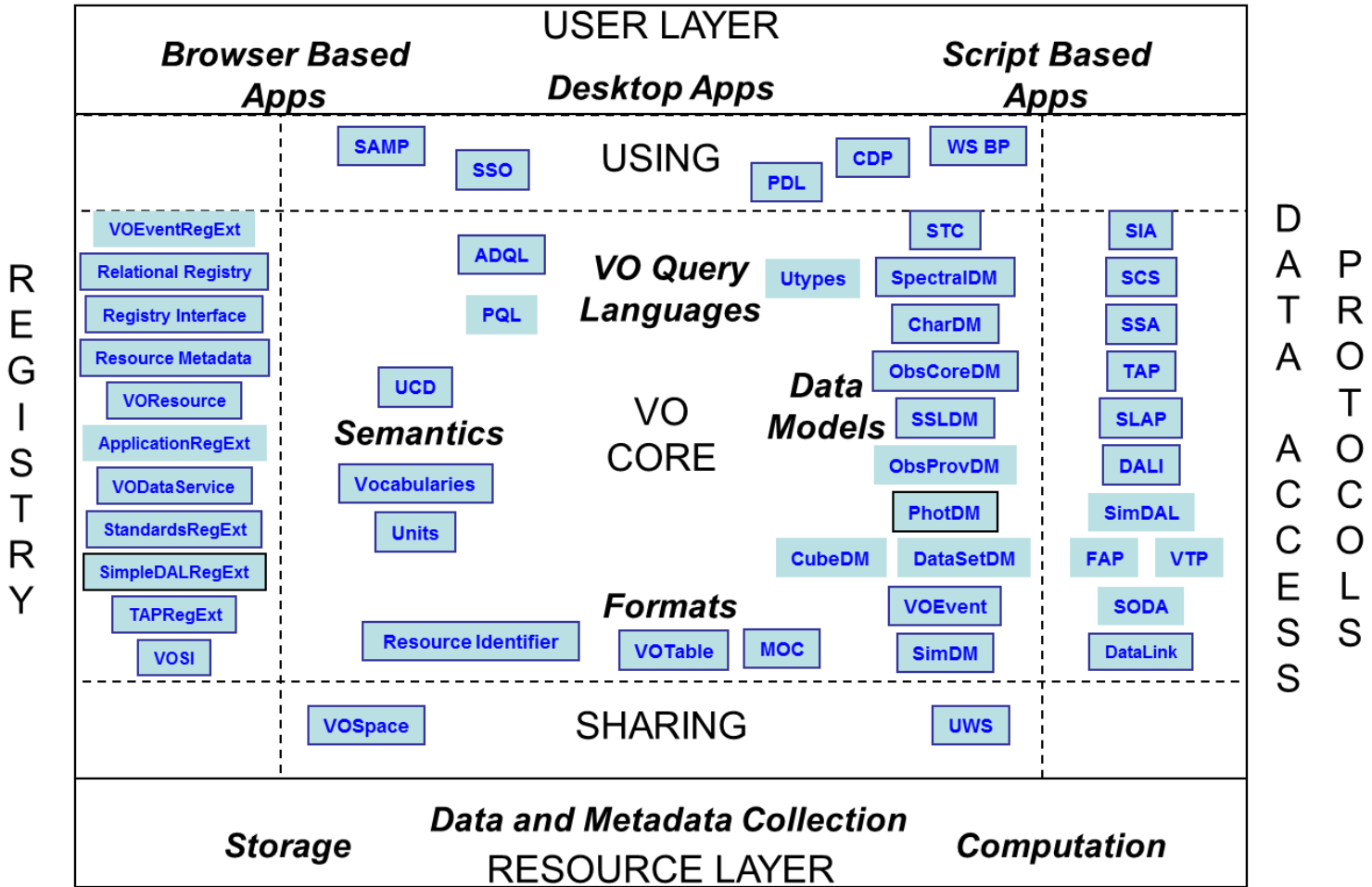
	Chair	Vice-Chair
TCG	<u>Matthew Graham</u>	<u>Pat Dowler</u>
Working Groups		
<u>Applications</u>	<u>Pierre Fernique</u>	<u>Tom Donaldson</u>
<u>Data Access Layer</u>	<u>François Bonnarel</u>	<u>Marco Molinaro</u>
<u>Data Model</u>	<u>Mark Cresitello-Dittmar</u>	<u>Laurent Michel</u>
<u>Grid and Web Services</u>	<u>Brian Major</u>	<u>Giuliano Taffoni</u>
<u>Registry</u>	<u>Markus Demleitner</u>	<u>Theresa Dower</u>
<u>Semantics</u>	<u>Mireille Louys</u>	<u>Alberto Accomazzi</u>
Interest Groups		
<u>Data Curation & Preservation</u>	<u>Françoise Genova</u>	n/a
<u>Education</u>	<u>Massimo Ramella</u>	<u>Sudhanshu Barway</u>
<u>Knowledge Discovery in Databases</u>	<u>Kai Lars Polsterer</u>	n/a
<u>Operations</u>	<u>Tom McGlynn</u>	<u>Mark Taylor</u>
<u>Theory</u>	<u>Carlos Rodrigo</u>	
<u>Time Domain</u>	<u>John Swinbank</u>	<u>Dave Morris</u>
IVOA Committees		
<u>Exec</u>	<u>Christophe Arviset</u>	<u>Pepi Fabbiano</u>
<u>Standard and Processes</u>	<u>Francoise Genova</u>	n/a
<u>Science Priorities</u>	<u>Mark Allen</u>	n/a

IVOA Architecture



LEVEL 2
All standards

USERS **COMPUTERS** **REC** **InProgress**



PROVIDERS

IVOA Newsletter November 2016



1. IVOA newsletter usually twice a year
 - a. Latest IVOA news
 - b. VO applications and implementation highlights
 - c. Recent papers about VO-enabled science
 - d. VO Calendar
2. Last edition was October 2015, none in 2016 yet due to lack of resources
3. IVOA Newsletter November 2016
 - a. Debbie Baines as main editor
 - b. Call for contributions sent on 07/Oct
 - c. Send your inputs by 27/Oct



IVOA Communication : Call for volunteers !



Call for volunteers for
IVOA Newsletter editorial team



Call for volunteers for thinking about
IVOA presence in social media

Other news from the IVOA Exec



1. UWS 1.1 endorsed as IVOA REC !



2. Discussion about the potential creation of the Solar System Interest group (draft charter to be created before taking decisions)



3. Link with other disciplines (through WDS, RDA) about experience in creating world wide data infrastructure

- a. Dedicated session at SciDataCon



4. Some discussion with Thailand about potential VO project



Let's now go with it !



1. Thanks to Fabio and his team for organizing this interop !
2. Thanks to Pat for putting the programme together
3. Dense program over the next 3 days

Friday Oct 21, 2016				
1	09:00–09:15	Saturnia	Welcome and Logistics	Fabio Pasion
	09:15–09:35	Saturnia	State of the IVOA	Christophe Arviset
	09:35–09:45	Saturnia	State of the TCG	Patrick Dowler (for Matthew Graham)
	09:45–10:15	Saturnia	Charge to Working Groups	WG/IG Chairs
	10:15–10:30	Saturnia	Science Priorities	Mark Allen
10:30–11:00 Break				
2	11:00–12:30	Saturnia	DM1	
		Oceania	Reg1	
12:30–14:00 Lunch				
3	14:00–15:30	Saturnia	Apps1	
		Oceania	GWS 1	
15:30–16:00 Break				
4	16:00–17:30	Saturnia	DAL1	
		Oceania	DCP	
		Vulcania1	Theory	
Saturday Oct 22, 2016				
5	09:00–10:30	Saturnia	DM/Apps	VO-DML mapping
		Oceania	TDIG	
10:30–11:00 Break				
6	11:00–12:30	Saturnia	Apps2	VOTable+MOC+HIPS
		Oceania	GWS 2	
		Vulcania 1	FduIG	