



# Local Host Plenary Session

## Recent VO-related activities in Italy

Chair: Fabio Pasian

## VObs.it Handled Plenary Session schedule - IVOA May 2023 Meeting

**(Monday May 8, 14:00-15:30 CEST, Plenary room)**

### Recent VO-related activities in Italy

Speaker	Title	Time	Material
Fabio Pasia	introduction	10'	pdf
Alessandra Zanichelli	Radio VO in Italy	20' + 5'	pdf
Gianluca Polenta	ASI-SSDC	20' + 5'	pdf
Giuseppe Greco	GW and the VO	25' + 5'	pdf





# Local Host Plenary Session Introduction

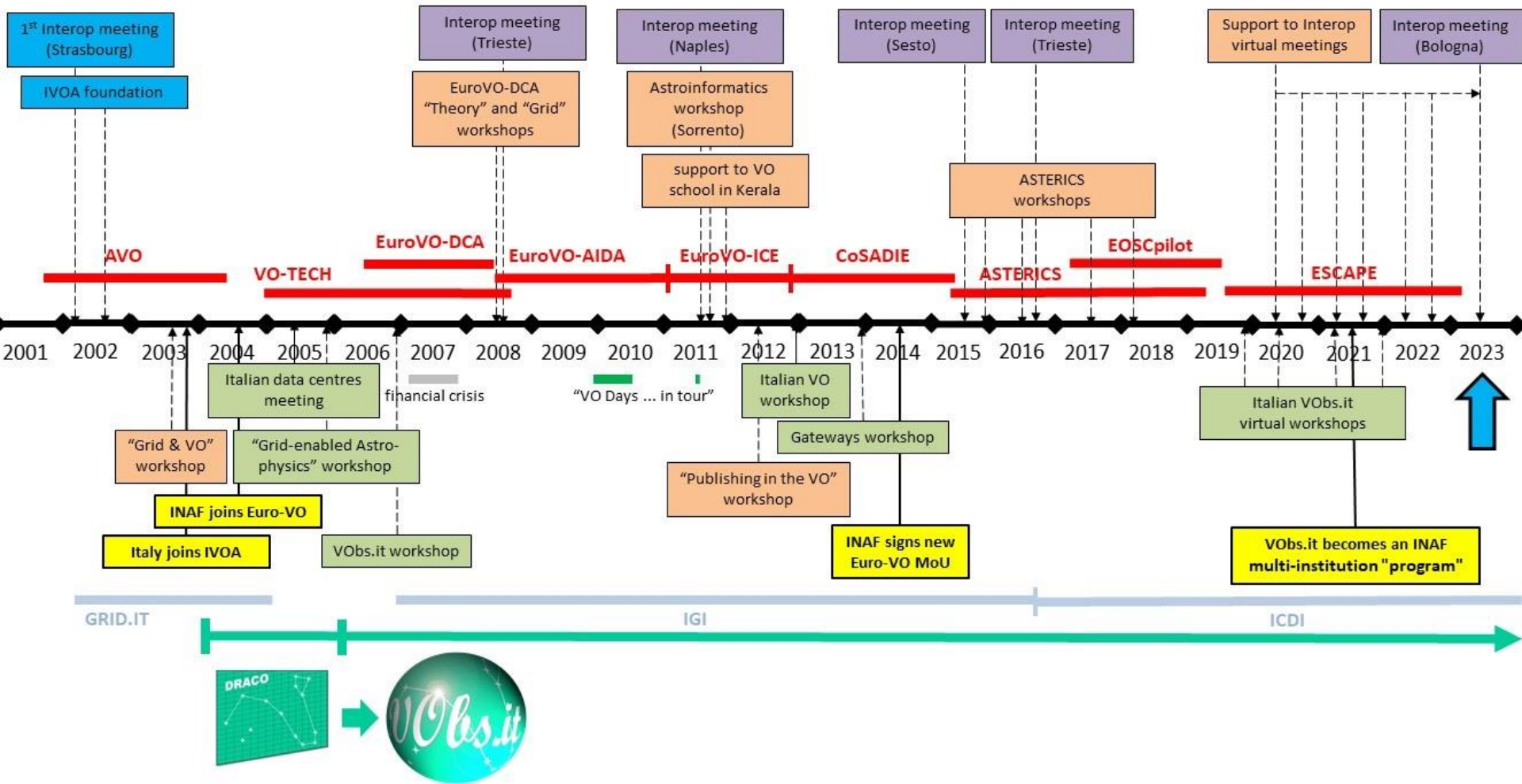
Fabio Pasian  
INAF

VObs.it representative in the IVOA Exec



**1st Interoperability WG meeting : Strasbourg, France, 28-29 Jan 2002**







Shown  
by Exec  
Chair

# VObs.it



Recognised by INAF as a multi-institution "programme" (long-term project), to support Italian participation in IVOA and Euro-VO, included in INAF Medium-Term (3 yrs) Plan. INAF funding for development of standards and provision of services has been fairly constant over time (~ 3 FTE/year, ½ development + ½ service). Data centres have their own separate budget.

- Vice-Chair of TCG
- Chair of GWS WG (expiring)
- IVOA documents coordination
- Activity in IVOA within WGs and IGs
- Support to the IVOA Newsletter
- Support to remote Interops + this Interop

VObs.it supports (on INAF-provided servers and resources) the following IVOA services:

- web pages ([www.ivoa.net](http://www.ivoa.net))
- wiki ([wiki.ivoa.net](http://wiki.ivoa.net))
- mail and lists ([mail.ivoa.net](http://mail.ivoa.net))
- documents repository ([www.ivoa.net/documents](http://www.ivoa.net/documents))
- vocabulary maintenance ([www.ivoa.net/rdf](http://www.ivoa.net/rdf))

It also manages the

- registration of IVOA domains ([ivoa.net](http://ivoa.net) , [ivoa.info](http://ivoa.info))
- the related DNS service
- resolving the other IVOA provided services:
  - [rofr.ivoa.net](http://rofr.ivoa.net) (currently hosted at CADC)
  - [mail.ivoa.net/search](http://mail.ivoa.net/search) (provided by CNRS/CDS)




**More during the Local Host Plenary (Monday 14:00)**



# IA2



## IA2 is the Inaf centre for Astronomical Archives, hosted at OATs, Trieste

- VOSpace
  - on top of a tape library
  - AAI support uses token SSO profile and GMS standard
- Authorisation system contributed to GMS specification
  - AAI solutions based on work done in the EU AENEAS and ASTERICS projects
- deploys VO Resources for telescopes and surveys
  - e.g.
    - INAF Radio archives  **More in Alessandra Zanichelli's talk (next)**
    - Exo-MerCat
  - using internally developed VO publishing & metadata management tools
  - as well as integrating external ones
- provides infrastructure for projects dealing with VO standardisation
  - e.g. ViaLactea Knowledge Base
  - currently developing a Docker-based SODA for the SKA-RC prototype



# Key points



- Participation of several institutions in VO-related activity under VObs.it
- Each data centre deals with a variety of instruments / experiments
- Focus on multi-instrument / multi-wavelength / multi-messenger
- Traditionally, integration between data and processing (including HPC)
- Focus on FAIR and compliance with EOSC approach
- Issue of licenses for open-access data and software



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