

# IVOA Exec Full Meeting: FM46 Supplementary

24 October 2012: 12:30-14:00 São Paulo

Notes: MA

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## Present:

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## Glossary:

ArVO - Armenian VO	<a href="http://www.aras.am/Arvo/arvo.htm">http://www.aras.am/Arvo/arvo.htm</a>
AstroGrid - UK VO initiative	<a href="http://www.astrogrid.org">http://www.astrogrid.org</a>
Aus-VO - Australian Virtual Observatory	<a href="http://aus-vo.org.au/">http://aus-vo.org.au/</a>
BRAVO - Brazil Virtual Observatory	<a href="http://www.lna.br/bravo/">http://www.lna.br/bravo/</a>
China-VO - Chinese Virtual Observatory	<a href="http://www.china-vo.org">http://www.china-vo.org</a>
CVO - Canadian Virtual Observatory	<a href="http://www1.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/cvo/">http://www1.cadc-ccda.hia-ihp.nrc-cnrc.gc.ca/cvo/</a>
Euro-VO European Virtual Observatory	<a href="http://www.euro-vo.org">http://www.euro-vo.org</a>
F-VO - VO-France	<a href="http://www.france-vo.org">http://www.france-vo.org</a>
GAVO - German Virtual Observatory	<a href="http://www.g-vo.org">http://www.g-vo.org</a>
HVO - Hungarian Virtual Observatory	<a href="http://hvo.elte.hu">http://hvo.elte.hu</a>
VO-India - Indian Virtual Observatory	<a href="http://vo.iucaa.ernet.in/~voi/">http://vo.iucaa.ernet.in/~voi/</a>
VObs.it - The Italian Virtual Observatory	<a href="http://vobs.astro.it/">http://vobs.astro.it/</a>
JVO - Japanese Virtual Observatory	<a href="http://jvo.nao.ac.jp/index-e.html">http://jvo.nao.ac.jp/index-e.html</a>
VAO - Virtual Astronomical Observatory (USA)	<a href="http://www.us-vo.org">http://www.us-vo.org</a>
RVO - Russian Virtual Observatory	<a href="http://www.inasan.rssi.ru/eng/rvo/">http://www.inasan.rssi.ru/eng/rvo/</a>
SVO - Spanish Virtual Observatory	<a href="http://svo.laeff.inta.es">http://svo.laeff.inta.es</a>
IVOA - International Virtual Observatory Alliance	<a href="http://www.ivoa.net">http://www.ivoa.net</a>

## Agenda:

1. Proposal for IVOA Interest Group on education and Outreach
2. Proposal for South Africa membership in IVOA
3. Science Priority Areas
4. Time Domain Astronomy - VOEvent WG transition to Time Domain IG
5. KDD IG chair
6. Interop CSP session - Future of IVOA
7. Future Interop Meetings
8. IVOA membership of World Data System
9. Date of next telecon meeting
10. AOB
11. Summary of Actions (MA)

A. Appendices - reports from VO projects, WGs and IGs, see the wiki at:

<http://wiki.ivoa.net/twiki/bin/view/IVOA/IvoaExecMeetingFM46>

## **NEXT MEETING: Thursday 13 December 2012, 16:00 UT (17:00 CET)**

### ***1. Proposal for IVOA Interest Group on Education and Outreach***

MR presented the proposal for the interest group. This includes the IG being a privileged communication channel for astronomy education and outreach efforts to engage with IVOA. It will address people who are looking for materials, and provide a registry of such resources. It would involve the production of a web site with links to resources. There are people available to work on this over the next 2 years, but some support would be needed for collecting information.

Terms of Reference -- see email to exec 03 September 2012

Slides of project plan -- see email to exec 24 October 2012

MA commented that setting up a registry may be a lot of work. MD indicated that IVOA registry extensions for such materials could be envisaged.

AK mentioned that there are intentions in India to contribute to education efforts, and that IVOA should contact the IAU Office for Astronomy Development in South Africa. MR indicated there was also an office in Trieste.

MA read out the proposed terms of reference.

The terms of reference for the Education and Outreach Interest Group were AGREED.

**Action FM46S-1** AK to call for nomination for chair and vice chair positions for EduIG

## **2. Proposal for South Africa membership in IVOA**

IVOA received an application for membership of IVOA from South Africa (email to exec 17 October 2012).

SB highlighted some aspects of the application and current situation of VO in SA. SA will host a number of large facilities including SKA and SALT, and VO activities are envisaged to enhance access to the data from these. SA already has fruitful collaborations on VO with India. SA desires to set up a formal VO project which would initially be set up at SAAO.

AK explained that SA has waited until a national consensus was achieved on the way forward. This includes good connections with the radio astronomy community in SA.

SB noted that SA is undertaking a re-organisation of Astronomy that takes into account the SA role in large projects that will be hosted there.

The membership of SA in IVOA was **AGREED**, and the enthusiasm for developing VO services, and contributing to IVOA standards process by this new member is appreciated.

## **3. Science Priority Areas**

MA described that Time Domain astronomy, and Radio Astronomy have emerged as the most important general scientific areas for IVOA to pursue. These science areas have been discussed at the previous two interop meetings, and the Committee for Science Priority meetings at the Urbana interop. Draft scientific use cases have been developed for both areas, and these have been presented at the science Priorities session at this interop.

BH proposed that the radio astronomy area was really about data cubes in general, and that radio astronomy data was just a subset of this, and that we should really consider the wider area of N-dimensional data.

Time Domain Astronomy, and Multi-dimensional Data were **AGREED** as priority areas for IVOA.

The importance of connections to large projects in both these areas was reinforced, and MA mentioned that the CSP would like to invite representatives of such projects to the next interop meeting.

## **4. Time Domain Astronomy - VOEvent WG transition to Time Domain IG**

MG spoke in favor of VOEvent WG transition to Time Domain IG. The new remit would cover what the WG is currently doing. It would provide a point of contact for Time Domain astronomy community (LOFAR, MeerKAT, ASKAP, LSST, ... ). There is demand from data providers for a way to publish to the VO.

BH supported the idea and questioned whether it should be an IG or WG.

SG and MG explained that as an IG it would continue to coordinate with other WGs, and it is a situation that has worked well for Theory IG. Also IG focuses more on science.

**ACTION FM46S-2** MG to draft a charter for TD IG.

AK and all discussed how to organise the leadership of TD IG. It was agreed that the current chair and deputy chair of VOEvent would continue in an acting capacity to the end of the terms for those positions.

### ***5. Knowledge Discovery in Databases (KDD) IG Chair***

AK lead discussion on KDD chair.

**ACTION FM46S-3** AK to ask George Djorgovski to be the chair of KDD IG

### ***6. Interop CSP session - Future of IVOA***

MA described that an extra CSP session at the interop was available for discussion of issues related to the future of the IVOA.

BH said that this would focus on how IVOA might operate in an environment where there is less financial support to projects. We could consider creative ideas for how IVOA works.

**ACTION FM46S-4** BH to compose discussion questions for session on future of IVOA

### ***7. Future Interop Meetings***

MD announced dates for the Heidelberg interoperability meeting as May 13-17. The exec and TCG meetings to be on Sunday May 12.

The web pages with logistic information are already in preparation. International arrival in Frankfurt provides bus and train options for travel to Heidelberg (80 km).

The choice of location for the October 2013 meeting was discussed. The proposal of Perth, Australia was noted as expensive at a time when there are less resources. BH said that Rome might be a possibility. SG raised the idea of connecting the interop to ADASS (Hawaii). There was a discussion on the possibility of having a shorter (3 day) meeting that would include only WG/IG sessions.

The logistics of Hawaii were briefly discussed, including the need to explore contacts at the University of Hawaii, and to see how use of the same conference facilities as will be used by ADASS. It was decided to discuss this in the interop session on the future of the IVOA.

**ACTION FM46S-5** ALL/BH discuss Oct 2013 interop location at Future of IVOA session

### ***8. IVOA membership of World Data System***

FG indicated (via email to AK) that the IVOA membership of World Data System would need to be formalized by IVOA 'Board' signing a letter of agreement with ICSU (International Council for Science).

**ACTION FM46S-6** AK to send a letter to ICSU to formalize membership of IVOA in WDS

### **9. Date of Next Telecon Meeting**

The need for a telecon relatively soon agreed, in particular to decide on interop locations.

Telecon date of **Thursday December 13, 1600 UT (1700 CET)** was agreed.

### **10. AOB**

RS raised a general issue of the importance of VO tools for using 'private' data, and the need to discuss implementations of Single Sign On, and for the GWS WG to bring the current standards into line with new practices.

AK announced that there will be a meeting at IUCCA, Pune, India on Time Domain Astronomy March 4-8, 2013.

### **11. Summary of Actions**

**ACTION FM46-1** MA to invite Massimo Ramella to Wednesday meeting  
CLOSED - Done

**ACTION FM46-2** AK and BH to coordinate how to present VAO news in state of IVOA talk at the opening of the Interop meeting.  
CLOSED - Done

New Actions:

**ACTION FM46S-1** AK to call for nomination for chair and vice chair positions for EduIG

**ACTION FM46S-2** MG to draft a charter for TD IG.

**ACTION FM46S-3** AK to ask George Djorgovski to be the chair of KDD IG

**ACTION FM46S-4** BH to compose discussion questions for session on future of IVOA

**ACTION FM46S-5** ALL/BH discuss Oct 2013 interop location at Future of IVOA session

**ACTION FM46S-6** AK to send a letter to ICSU to formalize membership of IVOA in WDS

Meeting Close 14h15