

Focus Sessions

Mark Allen





Science Priority Areas

Multi-dimensional Data

Radio astronomy, Integral Field Spectroscopy, high energy, polarization, simulation, data mining datasets + ...

Time Domain Astronomy

Time Series, light curves, transient event reports, +...

- Need to ensure that these are accessible and useable within the VO

Focus Sessions

- To engage projects and surveys that produce and use multi-d and time domain data
- Invited presentations / Panel Discussions
 - Multi-dimensional Data - **Tues morning**
 - Time Domain Astronomy - **Weds morning**
- Part of IVOA process - requirements, use cases, feedback from implementation.
Follow-up technical WG sessions.

Goals

- Summarize data being produced now
- Identify the metadata needed to discover, access, analyse these data
- Status of VO standards in these areas
- Identify implementation hurdles
- Identify desirable features in standards, services, tools

Projects/Surveys/Fields

- CyberSKA
- ALMA(2), JVLA, VLBA
- CALIFA
- MUSE
- ASKAP (VAST)
- Spectropolarimetry
- Chandra
- ASTRON
- LSST
- CoRoT, Kepler
- LOFAR
- CRTS

many thanks!

Multi-dimensional Data Focus Session

Tuesday May 14 2013				
5	09:00– 09:10	gHS	Focus session on multi-dimensional data - Introduction	Mark Allen (Session Chair)
	09:10– 09:30	gHS	CyberSKA	Russ Taylor
	09:30– 09:50	gHS	ALMA, JVLA, VLBA	Brian Glendenning
	09:50– 10:10	gHS	CALIFA	Mariya Lyubenova
	10:10– 10:30	gHS	MUSE	Thomas Martinsson
	10:30– 11:00	Break		
6	11:00– 12:30	gHS	Focus session on multi-dimensional data - Panel Discussion	Joseph Lazio (Moderator)
			Panel:	
				Severin Gaudet (TCG)
				Ray Norris (ASKAP)
				Felix Stoehr (ALMA)
				Michael Wise (ASTRON)
				Frederic Paletou (Polarization)
				Arnold Rots (X-ray)
				Pat Dowler (DAL WG)
				Omar Laurino (DM WG)

Multi-dimensional Data Focus Session

- Invited presentations (20 minutes incl. Qs)
- Panel Discussion
 - Opening statements from panel members
 - Moderated (J. Lazio)
 - TCG Chair, DAL, DM WG on panel
- *(Follow-up DAL WG session 14h room 106)*