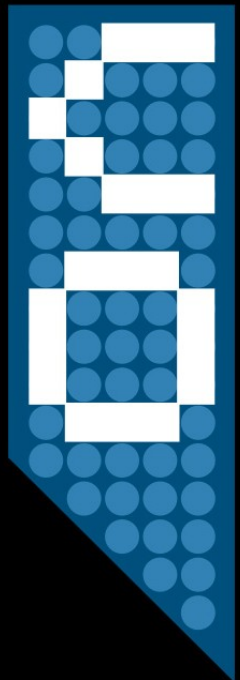


# IAU VO Session

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27 Apr 2006



# Virtual Observatory in Action: Special Session at IAU General Assembly

- IAU General Assembly – Prague – 14 25 Aug 2005
- Virtual Observatory – Special Session
  - 17+18 and 21+22 Aug 2006
  - Topics:
    - Cosmology and galactic structure with very large databases
    - Rare object multi-wavelength searches: the universe at 10 pc and  $z = 10$
    - Serendipitous discoveries with the VO - the Sun-Earth connection
    - Population analysis: stars, galaxies, quasars, solar system bodies
    - Data mining with SDSS, WFCAM, VISTA and the LSST
    - Data management for ALMA, ELT, GAIA, and SKA
    - Technical progress on the VO infrastructure
    - New data mining algorithms
    - The semantic web and the future VO

# Community Input

- Keynote presentations confirmed
- VO related contributions welcome
  - short presentations and posters
  - deadline for abstract submission 26 Jun 2005
- Science usage of Euro-VO systems could be an area for SAC consideration
- Related Special Sessions include those on Large Future Facilities (SPS1: 16+17 Aug) Data (SPS6: 22 Aug)

# Key Links

- IAU 2006 site: <http://www.eurovotech.org>
  - Abstract submissions at:  
<http://iau.conference-services.net/authorlogin.asp?conferenceID=609>
- Special Session 3 (VO):  
<http://www.astronomy2006.com/special-sessions.php#sps3>
- Special Session 1 (Large Facilities):  
<http://www.astronomy2006.com/special-sessions.php#sps1>
- Special Session 6 (Data):  
<http://www.astronomy2006.com/special-sessions.php#sps6>