

Data Centre Alliance - Science



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Workshops

- **Spectroscopic Workshop proceedings in preparation**
 - probably before end of year
- **Good format, let's have another one!**

- **June DCA workshop**
 - minimal IST involvement
- **Next main DCA workshop**
 - IST can help, but role unclear
- **IST members to attend Theory & Computational Grids workshops -**

Data Centre Census

- **Input from the IST**
 - tried to be complete in capturing basic properties of data centres
- **First drafts of census form needs more work in terms of explanation and ergonomics – but let's speed up process!**
 - Census needed to guide tutorials
 - Identify priorities for workshops/visits
 - AstroNet wants 'low resolution' version of the census

'Top ten'

- **Target a number of data centres**
 - **with clear benefit from being VO-enabled**
 - **high impact** – science and number of users
- **Starting points:**
 - **Preliminary census**
 - **SAC list of 'essential data centres'**
 - **Some of IST reluctant to make prioritized list - Board**

Euro-VO SAC

'Archives considered essential'

ESO (VLT large,WFI,NTT,3.6m)

Spitzer

Tycho

ISO

INT WFCAM

USNO (catalogues UCAC, USNO-B)

XMM

GALEX

Subaru (especially SuprimeCam)

UKIDSS

VLA

WHT

ESO VISTA

IRAS

AAT (especially 2dF)

ESO VST

CFHT MegaPrime

FUSE

DSS

Rosat (PSPC & all sky survey)

IUE

Sloan

Tartarus (X-ray spectra from ASCA)

EUVE

HST

JCMT (especially SCUBA)

Gemini

Telescopio Nazionale

Integral

Chandra

Galileo

ASTRO-F (Akari)

2MASS

FK*

MERLIN

UKIRT WFCAM

Hipparcos

IRAM

VO status of SAC's list

- **Quick survey of list in VO registry**
 - **SIAP, SSAP, Cone, 'tables'**
- **Many have S-'simple' services**
- **Some are served from multiple data centres – DSS, 2MASS, HST,...**
- **SAC list does not include 'projects' or thematic data centres**

Notes

- **some outside Europe/DCA scope**
- **ESO – strong demand (multiple items in SAC list)**
- **CASU (available via AstroGrid?)**
- **IRAM – existing archive?**

in my top ten...

- **IMCCE** – already VO aware, new type of VO service to provide positions of solar system bodies
- **COSMOS** – important multi-wave data set
- **RAVE** -
- **Terapix** – VO aware but need to re-engage

- **In partners**
 - **AstroWise**
 - **Leicester**
 - **CASU**