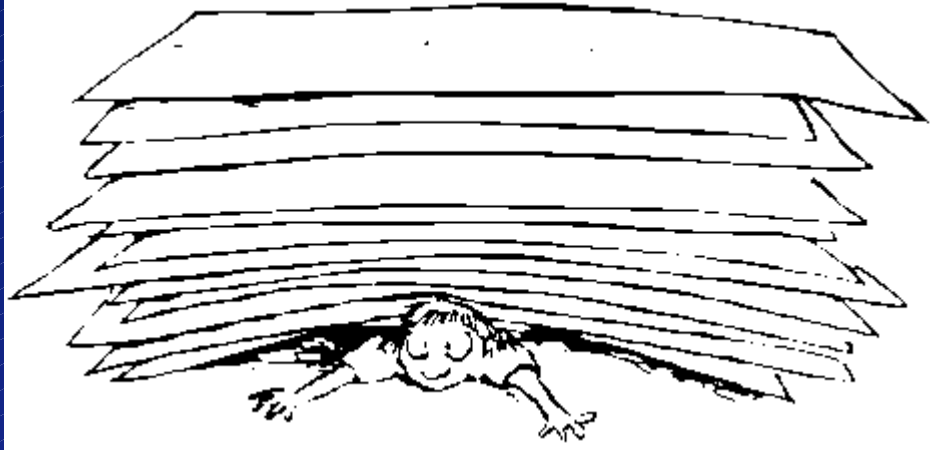


Conclusions

After the school



After the school

- ✓ Have a break and, after the weekend, try to repeat one/two/all tutorials on you own.

After the School

- About the standards → www.ivoa.net

ivoa.net/ IVOA.WebHome

Edit | Attach | Ref'd By | Printable | More | Advanced Search | Full Text Topic Name Go

THIS WEB

Garching Interop

WebHome
WebChanges
WebTopicList
WebStatistics

ALL WEBS

Astrodata
IVOA
Know
Sandbox
TWiki
Trash


TWiki intro
TWiki tutorial
User registration
Notify me

W/I GROUPS

Data Access
Data Model
GWS
Query Language
Registry
Stds&Procs
Semantics
VOEvent

Welcome to the IVOA TWiki!

This is the web-based collaboration area of the **International Virtual Observatory Alliance**



Main topics:

- Who is Who?
- Documents and Standards
- Events
- Training Materials
- Exec Reports & Minutes
- Mailing Lists
- Technical Coordination Group

Working Groups:

- Applications
- Semantics
- Data Access Layer
- VO Event
- Data Modeling
- VO Query Language
- Grid & Web Services
- VOTable
- Resource Registry

Interest Groups:

- Theory
- OGF Astro-RG
- Data Curation & Preservation

Other Groups / Committees:

- Standing Committee on Standards & Processes
- InterOp Programme Organising Committee

List of Initial working Draft documents (version < 1.0): InitialWorkingDrafts

After the School

- Where can I find a list of VO tools?

→ <http://www.euro-vo.org/pub/fc/software.html>



The EURO-VO projects: [VOTECH](#) [EuroVO-DCA](#) [EuroVO-AIDA](#)

Science

- Software**
- Scientific Workflows
- AIDA Research Initiative
- Scientific Papers
- Science Advisory Committee
- EURO-VO Mailing List
- Acknowledging
- Helpdesk

Technical

- Software
- Registries
- IVOA Standards =>

Data Centres

- Overview
- Partners
- Work Packages
- Tutorials

Operations

- Overview
- Partners

VO-Software



In this section, scientists can find available VO-compatible applications for their immediate use to do science. The level of maturity of the applications depends on a high degree on the level of maturity of the corresponding IVOA protocols and standards, and care must be taken when using them for publications. As a consequence of the flexibility of the standards, several of the applications might overlap in functionality.

Latest Releases: [Aladin V6.011a](#) (19 January 2010), [TOPCAT v3.5-1](#) (21 December 2009), [STILTS v2.1-1](#) (21 December 2009), [VirGO V1.4.4](#) (10 September 2009)

Application / Version (in alphabetical order)	Functionality	Other VO-compliant tools
Aladin v6.011a (January 2010) 	Search for Images: Aladin , Datascope , SkyView , VODesktop	DS9 : Image visualisation
Datascope v2.1 (March 2007)	Search for Spectra: Aladin , Datascope , SPLAT , Specview , VOServices , VOSpec	GOSSIP : SED fitting
Montage	Search for Catalogues: Aladin , Datascope , TOPCAT , VODesktop	Mirage : Table visualisation
Octet 	Image visualisation: Aladin , SkyView	VirGO : Search for Images and Spectra
Open SkyQuery		Browse the Registries
SkyView 		EURO-VO Registry

After the School

- Where can I find some examples of VO Science?

→ <http://www.euro-vo.org/pub/fc/papers.html>



The screenshot shows the EURO-VO Facility Centre website. The header features the EURO-VO logo and a banner image of a galaxy. Below the header, there's a navigation bar with links to 'The EURO-VO projects: VOTECH', 'EuroVO-DCA', and 'EuroVO-AIDA'. A left sidebar contains a navigation menu with categories: Science, Technical, Data Centres, and Operations. The main content area is titled 'VO-enabled Scientific Papers' and lists several scientific publications with their titles and authors.

EURO-VO FACILITY CENTRE

The EURO-VO projects: VOTECH EuroVO-DCA EuroVO-AIDA

Science

- Software
- Scientific Workflows
- AIDA Research Initiative
- Scientific Papers**
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- EURO-VO Mailing List
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- Helpdesk

Technical

- Software
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- IVOA Standards ⇒

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Operations

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- Work Packages

VO-enabled Scientific Papers

Scientific publications mainly enabled by VO tools or about VO tools and methods.

For conference proceedings and other non-refereed publications, see [here](#)

REFEREED PUBLICATIONS

VisIVO-Integrated Tools and Services for Large-Scale Astrophysical Visualization
Becciani et al., 2010, PASP, 122, 119

The SPECIFIND V2.0 catalogue of radio cross-identifications and spectra. SPECIFIND meets the Virtual Observatory
Vollmer et al., 2009, A&A, in press

A Population of Compact Elliptical Galaxies Detected with the Virtual Observatory
Chilingarian I. et al., 2009, Science, 326, 1379

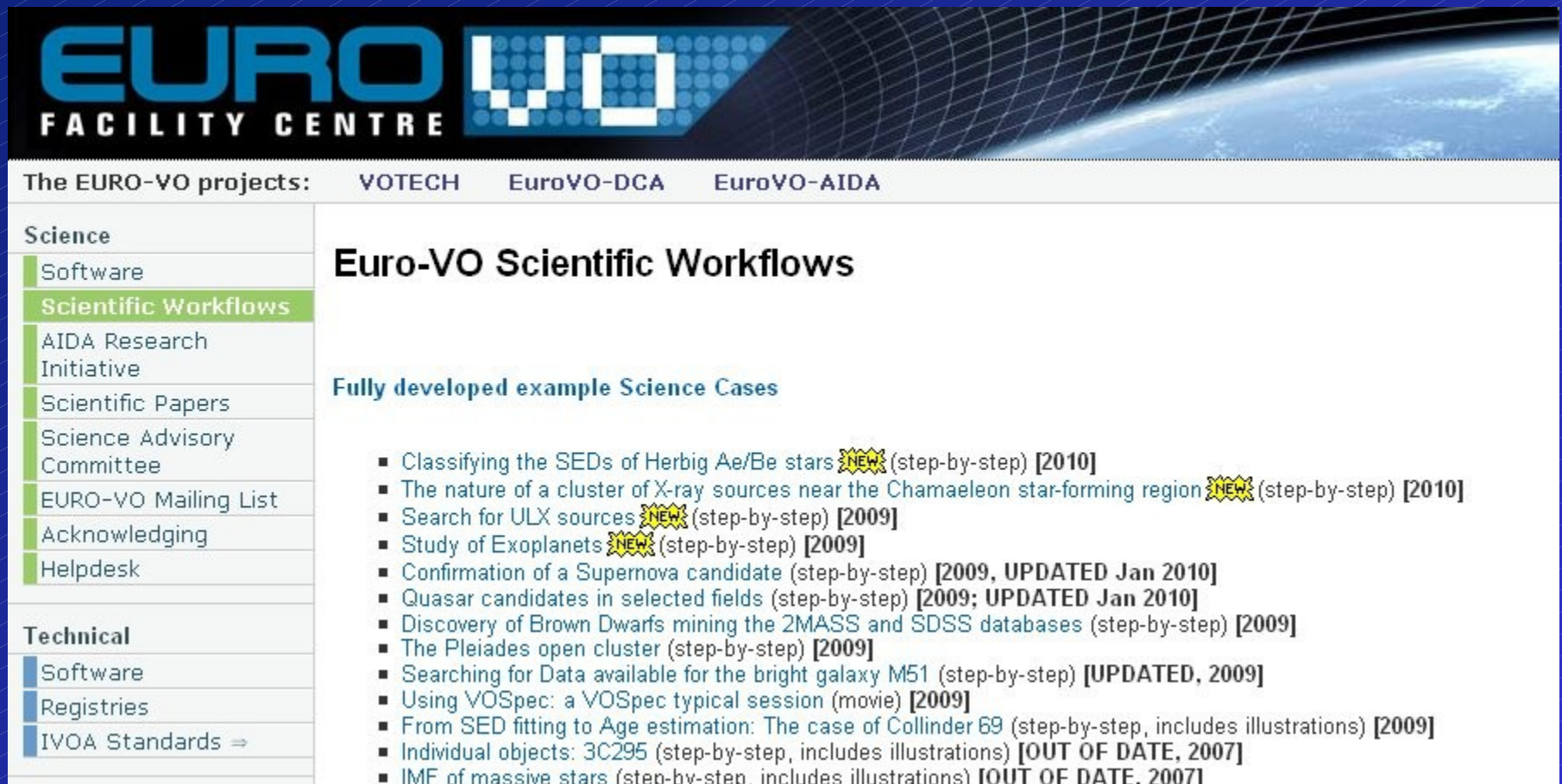
Properties of dusty tori in active galactic nuclei - II. Type 2 AGN
Hatziminaoglou E., Fritz J., Jarrett T., 2009, MNRAS, 399, 1206

The LAEX and NASA portals for CoRoT public data
Solano et al., 2009, A&A, 506, 455

After the School

- Where can I find more tutorials?

→ <http://www.euro-vo.org/pub/fc/workflows.html>



The screenshot shows the EURO-VO Facility Centre website. The header features the 'EURO FACILITY CENTRE' logo and a 'VO' logo. Below the header, there are navigation links for 'The EURO-VO projects: VOTECH, EuroVO-DCA, EuroVO-AIDA'. A left sidebar contains a menu with 'Science' and 'Technical' sections. The main content area is titled 'Euro-VO Scientific Workflows' and lists 'Fully developed example Science Cases' with various astronomical topics and their update dates.

EURO FACILITY CENTRE

VO

The EURO-VO projects: VOTECH EuroVO-DCA EuroVO-AIDA

Science

- Software
- Scientific Workflows**
- AIDA Research Initiative
- Scientific Papers
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- EURO-VO Mailing List
- Acknowledging
- Helpdesk

Technical

- Software
- Registries
- IVOA Standards ⇒

Euro-VO Scientific Workflows

Fully developed example Science Cases

- Classifying the SEDs of Herbig Ae/Be stars **NEW** (step-by-step) [2010]
- The nature of a cluster of X-ray sources near the Chamaeleon star-forming region **NEW** (step-by-step) [2010]
- Search for ULX sources **NEW** (step-by-step) [2009]
- Study of Exoplanets **NEW** (step-by-step) [2009]
- Confirmation of a Supernova candidate (step-by-step) [2009, UPDATED Jan 2010]
- Quasar candidates in selected fields (step-by-step) [2009; UPDATED Jan 2010]
- Discovery of Brown Dwarfs mining the 2MASS and SDSS databases (step-by-step) [2009]
- The Pleiades open cluster (step-by-step) [2009]
- Searching for Data available for the bright galaxy M51 (step-by-step) [UPDATED, 2009]
- Using VOSpec: a VOSpec typical session (movie) [2009]
- From SED fitting to Age estimation: The case of Collinder 69 (step-by-step, includes illustrations) [2009]
- Individual objects: 3C295 (step-by-step, includes illustrations) [OUT OF DATE, 2007]
- IMF of massive stars (step-by-step, includes illustrations) [OUT OF DATE, 2007]

If you want to really work with VO-tools

Project Number ¹	312559	Project Acronym ²	CoSADIE
One form per Work Package			
Work package number ⁵³	WP2	Type of activity ⁵⁴	COORD
Work package title	Increasing awareness and gathering requirements from the user and provider communities		
Start month	1		
End month	24		
Lead beneficiary number ⁵⁵	3		

Task 2.1: Activities towards the science community (INTA)

The activities aim at disseminating knowledge about the VObs and at gathering feedback and requirements from the science community.

- o The meetings of the Science Advisory Committee (M3, M14, M20) will be used to gather high level guidance on the project, scientific feedback and requirements for D2.3 and comments on the other reports of the project, in particular the Reports on Euro-VO Sustainability (D5.1, D5.2).
- o The organisation of one VO School at European level (D2.1, M9) will be used to increase awareness about the Euro-VO capacities in the community and to gather requirements and feedback. This school, aimed at the whole European astronomical community, will be used as a template by national projects for their own actions.
- o Support to groups with research lines which could benefit from the VObs methodology to maintain a continuous and fluent contact with the community.
- o Presentation of the Euro-VO and of CoSADIE in scientific conferences.

This task will produce the Report on scientific (user) requirements (D2.3), and at mid-term input to D1.4 and D5.1. It will also provide feedback on WP3 and WP5 reports. At the international level, the contact is with the Standing Committee on Science Priorities (SCSP) set up by IVOA in 2009 to align VObs developments with the astronomical community requirements. The Report on scientific (user) requirements (D2.3) will provide inputs to and gather feedback from IVOA SCSP.

Certificate of attendance

Let me know and I will send by email.

Acknowledgements

Scientific and Technical Organizing Committee

- Enrique Solano
- Mark Allen
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- Gabriel Stoeckle
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- Deborah Baines
- Mark Taylor
- Paul Harrison

Local Organizing Committee

- Enrique Solano
- Francisco Jiménez
- Carlos Rodrigo
- Rebeca Pulido
- Miriam Aberasturi