

Madrid VO School D4.2

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Targets

Three Tasks in support to three complementary targets

- Task 4.1: Support to astronomy ESFRI facilities, their pathfinders and other infrastructures of pan-European interest for implementation of their data in the VO framework (INAF/UHEI)
- Task 4.2: Support to the astronomical community (INTA/CNRS-CDS) – **Annual School**
- Task 4.3: Updates of the VO framework from feedback and requirements (CNRS-CDS/UEDIN)

Deliverables

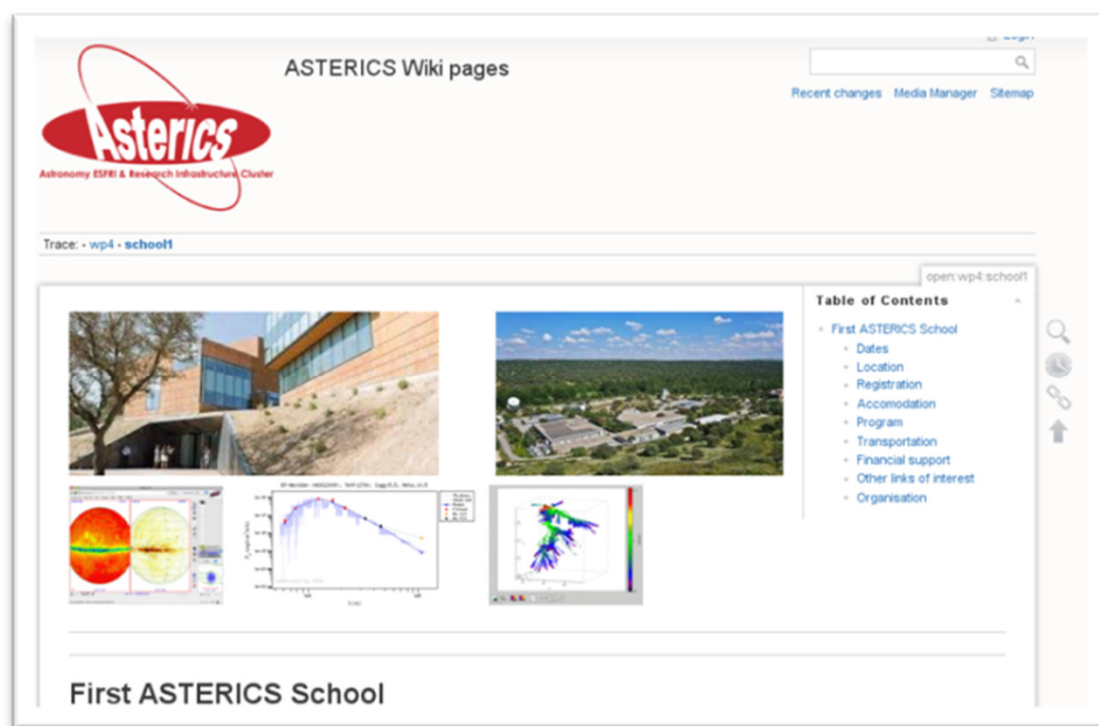
- One deliverable/task during the period
- Deliverables are Workshops, the « text deliverable» is provided several weeks afterwards

#	Title	Lead partner	Due date	Actual date and location
D4.1	First DADI Technology Forum	CNRS/CDS (Task 4.3)	September 2015	Held 17-18 Sept. Strasbourg Del. 3 Nov.
D4.2	FIRST ASTERICS European School	INTA (Task 4.2)	November 2015	Held 15-17 Dec. Madrid Del. being finalized
D4.3	First ESFRI Forum & Training Event	INAF (Task 4.1)	November 2015	Held 3-4 Dec. Trieste Del. Being finalized

D4.2 First DADI School

- 15-17 December 2015
- 42 participants from France, Germany, Italy, Spain, UK, and from Belgium, Greece, Lithuania, Poland, Portugal and Slovakia, also CTA, LOFAR, ESO
- 11 tutors
- Information disseminated through national mailing lists, contacts in non-partner countries, through the ASTRONET network, through the IVOA and EAS Newsletter

School web site



<https://www.asterics2020.eu/dokuwiki/doku.php?id=open:wp4:school1>

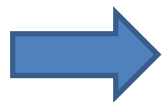
Objective and outline

- Learn enough about the VO to be able to use it in one's own research
- Gather feedback from participants (on VO tools and on different aspects of the school, in particular the tutorials)
- Early career scientists and colleagues from the ESFRIs and pathfinders
- Outline
 - Short presentation of the IVOA and ASTERICS
 - “Hands-on” tutorials & “Treasure Hunt”
 - Tutorials are selected to cover the most important functionalities of the most popular VO tools
 - Participants' own projects
 - Presentation of some of the projects and feedback session

Preparatory work

- Update of the tutorials
 - Detailed end-to-end example of VO usage
 - « Treasure Hunt » : questions to answer with a limited time
- Individual contact with the participants about their science topics to prepare the session on participants' projects
 - Field, Research, Type of data, Wavelength range, Archives of interest, Operations on data, Experience with VO tools
 - Tutor assigned on each aspect of the project

Tutorial repository




The screenshot shows a web browser window displaying the 'Scientific Tutorials' page of the EURO-VO project. The browser's address bar shows the URL www.euro-vo.org/?q=science/scientific-tutorials. The page features a header with the 'EURO VO' logo and a navigation menu on the left. The 'Scientific Tutorials' link in the menu is circled in blue. The main content area lists various tutorials, including 'The CDS tutorial', 'Discovery of Brown Dwarfs', 'Classifying the SEDs of Herbig Ae/Be stars', 'Determination of stellar physical parameters using VOSA', 'Multi-instrument, multi-wavelength study of high energy sources with the virtual Observatory', 'Advanced Functionalities in TOPCAT', 'Adding catalog data to object lists using the VO', 'Discovering useful data using the VO registry', 'Ad-hoc calibration using Aladin', 'Processing and visualizing simulation data with TOPCAT', 'Working with spectra using SPLAT', 'TOPCAT and Aladin working together', 'Determination of stellar physical parameters using SPECFLOW', 'Abell 1656: The Coma Cluster of Galaxies', 'Multi-instrument, multi-wavelength study of high energy sources with the virtual Observatory', 'Treasure Hunt', 'Determination of stellar physical parameters using VOSA', 'CDS Tutorial', and 'Study of the Coma Cluster'.





Follow-ups

- On the spot
 - Questionnaire
 - Feedback session, incl. Feedback on tools and VO
- After the school
 - The participants will be polled each year to follow the School impact and monitor their usage of the VO
 - Participants encouraged to act as VO ambassadors
 - Two seminars in Athens in the first half of 2016

Next step

- Second School held in Strasbourg
~November 2016
- How to organise a more active participation of the ESFRI and pathfinders? Specific tutorials would be welcome
- Specific « scientific support » activities for each ESFRI in Task 4.2 will help since relevant tutorials will be identified/prepared