

Introduction to the
III ASTERICS VO School
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Astronomy ESFRI & Research Infrastructure Cluster
ASTERICS - 653477



Welcome to CAB & ESAC



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CENTRO DE ASTROBIOLOGÍA
Asociado al NASA Astrobiology Institute

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ver todas

- Departments and support units**
The answer to questions about life and its origin come from the combined efforts of many disciplines
- Research areas**
The science developed in the CAB is channeled through interdepartmental research lines
- Team**
Research staff, technicians, engineers, department heads, heads of research lines
- Astrobiología**
The search for answers about life and its origin as a fundamental objective
- CAB**
A collaborating center in the different scientific disciplines with the common goal of Astrobiology
- Scientific Culture**

The school

- **Goals:**
 - Teach participants on how to efficiently use the VO tools for their own research.
 - Gather your feedback and requirements on VO tools and services.
- **Methodology:**
 - Tutorials based on real science cases.
 - Feedback form.




The school: Schedule

Day 1. Tuesday 14 November

- 08:45 Bus leaving hotel to CAB-Villafranca
- 09:15 Arrival at CAB-Villafranca. Registration
- 09:45 - 10:30 Introductory talks
 - 09:45 - 09:55 Welcome and logistics (Enrique Solano)
 - 09:55 - 10:10 The ASTERICS project (Mark Allen)
 - 10:10 - 10:30 Introduction to the VO and the school (Enrique Solano)




The school: Schedule

Day 1. Tuesday 14 November

- 10:30 - 11:30 Tutorial #1 (1h45m)
 - Title:  [Discovery of Brown Dwarfs mining the 2MASS and SDSS databases](#)
 - VO-tools: Aladin, Topcat, Stilts
 - Tutor: **F. Jiménez** + E. Solano + G. Greco
- 12:45 - 13:30 Tutorial #2 (1h45m).
 - Title:  [The CDS tutorial.](#)
 - VO-tools: Simbad, Vizier, Aladin
 - Tutor: **Jenny Sorce** + Sébastien Derriere, Thomas Boch
- 16:00 - 16:30 Tutorial #3 (1h45m)
 - Title:  [Classifying the SEDs of Herbig Ae/Be stars](#) LAST UPDATE: Nov 13th
 - VO-tools: SPLAT, TOPCAT
 - Tutor: **H. Heini** + M. Cortés, T. Boch

The school: Schedule

Day 2. Wednesday 15 November

- 09:30 - 11:15 Tutorial #4 (1h45m)
 - Title:  [Determination of stellar physical parameters using VOSA](#) LAST UPDATE: Nov 13th.
 - VO-tools: VOSA, TOPCAT
 - Tutor: **E. Solano** + F. Jiménez, M. Cortés
- 11:45 - 13:30 Tutorial #5 (1h45m)
 - Title:  [Accessing and cross matching of big data sets with ADQL](#) LAST UPDATE: Nov 13th
 - VO-tools: TOPCAT (TAP/ADQL)
 - Tutor: **H. Heini** + T. Boch, J. Sorce
- 15:00 - 16:45 Tutorial #6 (1h45m)
 - Title:  [Electromagnetic follow-up of gravitational-wave events](#) LAST UPDATE: Nov 13th
 - VO-tools: Aladin, TOPCAT, GWsky
- 17:15 - 18:15 Tutorial #7 (1h)
 - Title: Treasure hunt
 - VO-tools:
 - Tutor: **F. Jimenez** + E. Solano + M. Cortes + S. Derriere

The school: Schedule

Day 3. Thursday 16 November

- 09:30 - 11:15 Participants' projects
- 11:15 - 11:45 Coffee break
- 11:45 - 13:00 Participants' projects
- 13:00 - 13:30 Project presentations
- 13:30 - 15:00 LUNCH
- 15:00 - 15:45 Project presentations (cont.)
- 15:45 - 16:15 Feedback
- 16:15 - 16:30 Wrap-up
- 16:45 Bus leaving CAB-Villafranca to hotel.

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Logistics

- AladinV10 (tutorial#6), SPLAT-VO changed.
- Flights, hotel, bus,...
- Meals: Menu at registration desk.
- Meeting room: Locked from 13:30h to 14:30h
- Workshop dinner:
 - Wednesday afternoon. 18:30-20:00h
- Taxis:
 - Thursday: Bus will depart from ESAC to hotel at 16:30h