Introduction to the III ASTERICS VO School Enrique Solano

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Astronomy ESFRI & Research Infrastructure Cluster ASTERICS - 653477



III ASTERICS VO School. Nov 2017

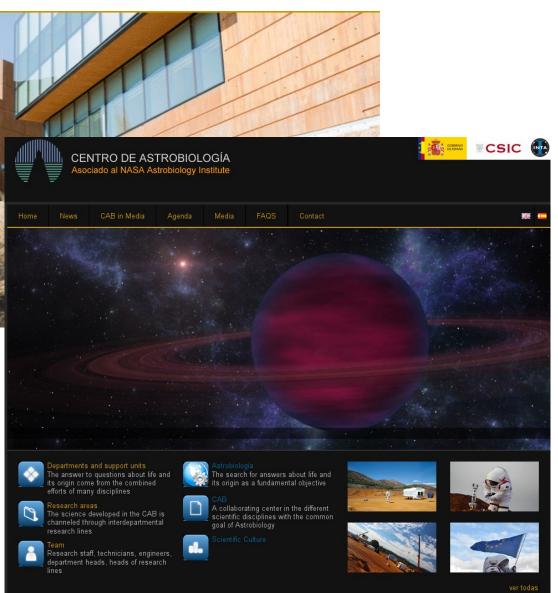
Introduction. E. Solano

# Welcome to CAB & ESAC



### Welcome to CAB & ESAC





#### III ASTERICS VO School. Nov 2017

#### Introduction. E. Solano

### 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.

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)

#### Day 1. Tuesday 14 November

- 10:30 11:30 Tutorial #1 (1h45m)
  - Title: 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. Heinl + M. Cortés, T. Boch

### Day 2. Wednesday 15 November

- 09:30 11:15 Tutorial #4 (1h45m)
  - Title: Move Title: T
  - 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. Heinl + T. Boch, J. Sorce
- 15:00 16:45 Tutorial #6 (1h45m)
  - Title: Selectromagnetic 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

#### 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.

### #IIIASTERICSVOSchool

# 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