



# VO-DAY ... IN TOUR

**CATANIA, 22 – 23 MARCH, 2010**



- Goal:  
*expose INAF astronomers to VO tools and services so that they can use them efficiently for their own research;*

based on our experience, this is the *most effective* way to introduce astronomers to the VO

- Methods:
  - lecture and tutor the participants on the usage of such tools (with Italian partnership as first)
  - give real life examples of scientific applications
  - hands-on exercises



- General introduction to VO tools
- Four *use cases* in increasing order of complexity
- Lunch will not be provided
- Important:
  - ✓ use cases might seem easy to do now, but have required quite some work on the tutors' side
  - ✓ VO science still requires astrophysical judgement!
- Time for feedback at the end



## Programme 22 March:

09:30 – 09:35: Introduction (U. Becciani)

09:35 – 09:50: The Virtual Observatory: an Overview ( *M. Molinaro* )

09:50 – 10:15: A Virtual Tour of the Virtual Observatory ( *P. Manzato* )

10.15 – 11:50: Use Case 1: [Confirmation of a Supernova candidate](#) ( *G. Iafrate* ) :  
Uses Aladin and TOPCAT. Confirming a supernova candidate on an image taken by  
the Col Druscie Remote Observatory Supernovae Search (CROSS) programme

11:50 – 13:00: Use Case 2 : [Searching for Data available for the bright galaxy M51](#)  
( *M. Molinaro* ) Uses Aladin, Simbad, VizieR, TOPCAT and VOSpec.

13:00 – 14:00: Lunch

14:00 – 15:00: Use Case 2 : (continue)

15:00 – 17:00: Use Case 3: [Photometric redshifts with DaME](#) ( *O. Laurino* )

17:00 - 19:00 Presentazione attività di supporto alla didattica. ( *G. Iafrate* )



## Programme 23 March:

09:30 – 11:30: Use Case 4: [Data Extraction from Multidimensional Dataset](#) (  
*A. Costa*)

11.30 – 12.00: Discussion/Feedback