

# Communicating Astronomy using Virtual Observatory

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16 May 2013

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## VO activities

- Data Archive System Developments
- VO tools developments
- Astronomical Data Mirrors
- VO for education, research & public outreach

# South African Astro-informatics Association (SA<sup>3</sup>)

## VO is a powerful medium for education, research and outreach

- o SA<sup>3</sup> has started programmes to train students with NASSP
- o Student projects to demonstrate the interesting and latest results astronomy using variety of online data archives and VO tools/applications.
- o Conducting workshops - NASSP, UKZN, UWC, MEARIM, ISYA.....
- o VO news e-letter - to update SA astronomers about latest developments in field of VO and IT driven astronomy

# South African Astro-informatics Association (SA<sup>3</sup>)

## VO is a powerful medium for education, research and outreach (SAAO-OAD collaboration)

- SA<sup>3</sup> & IAU-OAD has started a programme to train students/teachers using VO workshops
- **AsTROW (Astronomy Teaching and Research Orientation Workshop)**
  - provide hands-on training on observational & data intensive astronomy to people from Historically Black South African Universities
  - To prepare astronomy class/lab curricula for universities and schools
- Public Outreach activities -
  - Galaxy Zoo, Google Sky, Microsoft World Wide Telescope (WWT)
  - WWT workshop (SAAO-OAD-Microsoft Research)

# Thank you

SA<sup>3</sup> web page -

<http://www.sao.ac.za/resources/virtual-observatory>