

New Virtual Observatory of Argentina

NOVA is a federally funded project that initiated activities in January 2009 with a mandate to coordinate the open development of astronomical data and software across all of Argentina, from Ushuaia to La Quiaca.



International Virtual Observatory Alliance



Objectives include:

- Coordinate access to astronomical resources provided by individuals or groups within the broader astronomical community.
- Coordinate the integration of local data to the standards convened by the International Observatory Alliance.
- Promote the generation and integration of astro-informatics with special emphasis on data reduction and statistical analysis.
- Promote astronomy as an educational tool to help develop the scientific method in an E-Science framework.

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Database hosted on a PC and includes several photometric catalogues plus spectra:

- NOVA Spectral Collection
- VVV Survey Band Merged (J,H,Ks) catalogue
- Catalogue of HI Parameters (CHIPA)
- High-resolution optical spectra of HD165052
- Unveiling the circumstellar environment toward a massive young stellar object at NOVA
- WR 35a: A new double-lined spectroscopic binary

NOVA is currently without a technical officer and is investigating the use of BLOCKCHAIN technology to support the open development model in Astronomy to better unite IVOA with other astronomical communities (eg: Astropy) .



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