

THE INAF-OACT VAMDC DATA NODE

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At the Catania Astrophysical Observatory (OACT, OsservatorioAstrofisico di Catania), part of the Italian National Institute for Astrophysical (INAF, IstitutoNazionale di Astrofisica), is active since eighties the LASp(Laboratorio di AstrofisicaSperimentale, Experimental Astrophysical Laboratory), working in the field of Solid Spectroscopy, mainly of materials of astrophysical interest, and obtaining and storing data in the form of spectra, optical constants, band strengths and absorption coefficients.

Since the beginning of the VAMDC EU Project, the INAF-OACT-LASP has been a partner

We present in this poster the implementation of the INAF-OACT-LASP VAMDC Node[3], aimed to permit to the LASp to be part of the VAMDC e-infrastructure.

The implementation is based on the VAMDC standard Django-based software [4], that has been customized to:

- Connect to the LASpDataBase
- Offer the TAP-VO services that are at the ground of the VAMDC infrastructure
- Publish a GUI, usable even outside the VAMDC frame and permitting an easy interface with other systems(cfr.GhoSST [5])
- Allow an easy entry and edit of data

The VAMDC node software has been sided with a Php web-application , to permit the batch uploading and storing of the data.

[1] <http://oact.inaf.it>

[2]<http://web.ct.astro.it/weblab>

[3]<http://dblasp.oact.inaf.it>

[4]<http://www.vamdc.eu/software>

[5]<http://ghosst.obs.ujf-grenoble.fr>