Elisabetta Giani
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CURRICULUM VITÆ

- On 1994 Laurea Degree in Physics, at the Universitá degli Studi di Firenze

Professional positions

- Since 1999 *permanent position* (Collaboratore Tecnico) at the Arcetri AstrophysicalObservatory.

- Since 2007 Technological researcher

Expertise

- Experience in low and high-level software programming for infrared instruments control systems.

- Development of embedded and real-time systems in GNU/Linux OS enviroment, based on X86 or industrial standard hardware.

- Development of network distributed applications based on the standard protocol TCP/IP.

- Development of linux device driver for fast data acquisition boards.

- System and network administration of GNU/Linux OS systems.

- Network firewall/NAT administration.

Tecnological activities

Collaboration to several national (NICS, FASTI, GIANO) and international (AMBER, NAHUAL) projects.

- 1999-2001 collaboration to NICS to implement the interface between the instrument and the telescope.

- 2000-2003 collaboration to the infrared spectrometer SPG-AMBER for the develop of the control system of the optics movements, used during the alignment phase.

- 2000-2004 collaboration to FASTI project, a new controller for infrared and fast optical detectors.

- 2001-present NAT/Firewall responsibility for the Arcetri Infrared Group network.

- 2005-present collaboration to the GIANO project, a infrared spectrometer optimized for low and high resoltion.