

Fabio Pasian

Born in São Paulo, Brazil, on March 10th 1953. Degree in Physics with top grades at the University of Trieste, Italy, in 1977. Since 1978 with the Osservatorio Astronomico di Trieste (OATs) of the National Institute for Astrophysics (INAF): as a Fellow (Jan 1978 - Mar 1980), then Tecnico Laureato (Sep 1981 - Nov 1988), Ricercatore Astronomo (Dec 1988 - Feb 1993) and Astronomo Associato (Feb 1993 - Nov 2001); Astronomo Ordinario since Nov 2001. Since June 2004, Head of the INAF “Computing, Networks and Archives” Committee; since March 2005, Head of the INAF Information Systems Unit.

Research activities in the following fields:

- **data processing for space missions:** from 1992 to 1995, responsible for the phase-A design of the Science Operations Centre for the Spectrum-UV project, a cooperation between Italy and Russia; from 1998 to 2005, responsible for the design and development of the international distributed Data Processing Centre for the Low Frequency Instrument (LFI) on board the Planck mission of the European Space Agency (ESA), and Planck LFI Data Processing Manager. Currently, Product Assurance Manager for the Planck-LFI DPC and co-chair of the Data Processing Task Group of the Consortium for the ESA Euclid mission.
- **databases and archives:** in 1987-88 involved in the development of the ULDA archive for the IUE space mission (NASA-ESA-PPARC collaboration); from 1989 to 1992, on leave from OATs, at the European Southern Observatory (ESO), Garching, Germany, as leader of the team responsible for the design, development, management, maintenance of the European Archive for the Hubble Space Telescope (HST), a NASA-ESA mission; from 1994 to 1998 coordinator of the design and implementation of the Archives at the Italian national Galileo (TNG) telescope; currently involved in the definition of all INAF archive facilities.
- **networks, grid and Virtual Observatory:** between 1983 and 1988, involved in the development of the Italian Astronet, of the European Space Physics Analysis Network, and of the Italian research network GARR; between 1992 to 2000, involved in EU-funded projects aimed at remote observing (REMOT and DYNACORE); from 2002 to 2005, involved in the design of the Italian grid for research (Grid.it) and coordinator of a national project for the development of a grid for astrophysical research (DRACO). Currently, coordinator of a national project for the development of an Italian Virtual Observatory (VObs.it), leader of the Italian participation in the International Virtual Observatory Alliance (IVOA) and Italian representative in the IVOA Executive Committee. Deputy Chair of IVOA from May 2007 to October 2008, Chair from November 2008 to May 2010.

Between 1992 and 1995 consultant for the European Space Agency (ESA) and the European Southern Observatory (ESO) in the field of astronomical information and data processing systems. Supervisor of a EC COMETT grant; local team leader and coordinator of three EC INTAS proposals. Italian coordinator of three VO-related projects (EuroVO-Tech, EuroVO-DCA and EuroVO-ICE) funded within the EU Framework Programmes.

Member of the Organising Committee of Commission no. 5 of the International Astronomical Union (only European delegate). Member of the European FITS Committee (since 1986). Founding member of the European Astronomical Society. From 1994 to 1999, member of the Scientific Council of CDS, Strasbourg (chairman in 1994 and 1997).

Author of over 400 scientific / technical papers and research notes.

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