

CV of Stefano Benetti
INAF - Osservatorio Astronomico di Padova

Degree in Astronomy at the Padova University on 14 June 1989, discussing the thesis: "Spettroscopia delle Supernovae di tipo I".

Winner of a Ph.D. studentship in Astronomy at the Padova University on 1 November 1989.

Visiting Astronomer at the Oklahoma University - Norman (USA) during the second year of the Ph.D. course.

Ph. D. in Astronomy at the Padova University on 9 September 1993, discussing the thesis: "Spettrofotometria di Supernovae".

NATO Grant (CRG 930423) spent at University of Texas at Austin and Mc Donald Observatory, August 1993.

Research Fellow at University of Texas at Austin, from November 1993, in the framework of the Exchange Visitor Program of the University of Texas at Austin (Fullbright-Hays Act, Public Law 256, 87th Congress). Co-author with Prof. Craig Wheeler of a review chapter on Supernovae for the IV edition of the "Astrophysical Quantities" book.

Winner of a ESO-La Silla (Chile) Fellowship on December 1993.

Research Fellow at the European Southern Observatory-Santiago-La Silla (Chile), from May 1994.

Instrument Scientist of EFOSC1 instrument attached at the ESO3.6m telescope (Jan 1995 - Nov 1997)

First ranked in the call of the C.N.A.A., announcement n. 4/97, for three Astronomer positions at the Centro C.N.A.A. "Galileo Galilei" - "Telescopio Nazionale Galileo" in La Palma (Canary Islands) on June 1997.

Resident Astronomer at the Centro C.N.A.A. "Galileo Galilei" - "Telescopio Nazionale Galileo" in La Palma (January 1998 - October 2000)

Instrument Scientist of the OIG and DOLORES instruments attached at the TNG telescope (Mar 1998 - Sept 2000)

Winner of a competitive examination for a research astronomer position at Padova Astronomical Observatory on 2 February 2000.

Research Astronomer at Padova Astronomical Observatory on 3 April 2000 and meanwhile continuing the collaboration with TNG-CNAO until 3 October 2000.

Scientific Head of the Ekar (Asiago - Italy) Observatory from Jan. 2009

Italian representative in the ESO User committee from Jan. 2010

***** Research Activity in International long term Programs**

Co-investigator in the Key Programme ESO n. 4-004-51K, to which 40 nights have been allocated (telescopes: 3.6m, NTT, 2.2m, Dutch).

Coordinator of the ESO-La Silla Target of Opportunity Program during the period May 1994 - November 1997.

Collaborator of the EROS - Supernovae Search from June 1997 to June 1998.

Collaborator of the Beppo-SAX program - Optical transient search and follow-up of the Gamma-ray Bursts afterglows (February 1997 - May 2002)

Coordinator of the TNG Target of Opportunity Program (January 1998 - October 2000)

Member of the European Supernova Collaboration (PI W. Hillebrandt, EURTN2-2001-00037) October 2001 - October 2005

Member of a wide international collaboration (PI A.V. Filippenko), period Jan. 2004 - Dec. 2008. The collaboration had several accepted HST proposals.

Scientific advisor of the planned spatial mission: Supernova/Acceleration Probe (SNAP); LBNL-Berkeley, starting Nov.2004

Principal Investigator of a INAF proposal for the Italian coordination of Supernovae observations with Italian and International telescopes and from satellites (Swift, Galex), Nov. 2004 - Dec 2008

Principal Investigator of two large proposals at ESO (184.D-1140) and TNG (AOT20-TAC70) in the framework of a large European Collaboration (see <http://graspa.oapd.inaf.it/> for a description of the programs). The project was granted with 30 nights/year at NTT+EFOSC2+SOFI for 4 years; and 110h/semester at TNG +DOLORES+NICS for 2 years. Starting Aug. 2009.

***** Organization of Scientific Meeting and Schools**

LOC Member of the Conference Scientific Dedication of the Telescopio Nazionale Galileo. Santa Cruz de La Palma, November 3-5, 2000.

LOC-Chair and Editor of the Proceedings of the International Meeting 1604 -2004: Supernovae as Cosmological Lighthouses, held in Padova on June 16-19, 2004.

SOC-Chair and teacher of the RTN Winter School 2005, Supernova Observations and Data Reduction, Asiago (Italy) February 7-11, 2005.

SOC Member of the workshop Probing Stellar Populations out to the Distant Universe, held in Cefalu' (Sicily) September 7-19, 2008.

***** Didactic Activity**

Co-tutor for the Degree Thesis of I. Agnoletto - Padova University - academic year 2005-2006. Thesis title: Studio fotometrico e spettroscopico di SN 1994Z, una rara supernova dal plateau brillante

Co-tutor for the PhD Thesis of N. Elias-Rosa - La Laguna (Tenerife - Spain) and Padova University - academic year 2006-2007. Thesis title: Thermonuclear Supernovae in environments with significant extinction.

Co-tutor for the PhD Thesis of A. Harutyunyan - Padova University - academic year 2007-2008. Thesis title: Automatic Objective Classification of Supernovae.

Co-tutor for the Degree Thesis of M. Miluzio - Padova University - academic year 2007-2008. Thesis title: Monitoraggio di Supernovae Ia in Ottico ed Infrarosso con il Telescopio Automatico REM.

Co-tutor for the PhD Thesis of F. Bufano - Padova University - academic year 2008 - 2009. Thesis title: The UltraViolet view of Supernovae.

Professor within the course "Popolazioni Stellari" Padova University - academic year 2008 - 2009

Co-tutor for the PhD Thesis of I. Agnoletto - Padova University - academic year 2009 - 2010. Thesis title: Overluminous Core-Collapse Supernovae.

Professor within the course "Popolazioni Stellari" Padova University - academic year 2009 - 2010

***** Scientific Activity**

The main topics of interests are explosive astrophysical objects (Supernovae, GRBs and Novae-Optical Transients), and Planetary Nebulae.

The whole scientific production is summarized in more than 130 refereed papers, in about 30 papers presented in Workshops and Conferences and in over 245 IUA and GCN astronomical circulars for a citations number over 5350 and an impact H factor of 43 (data taken from ADS in July 2010).