

# Curriculum vitae et studiorum

**Name:** Marco Bondi

**e-mail:** m.bondi@ira.inaf.it

**Affiliation:** Istituto Nazionale di Astrofisica (INAF) - Istituto di Radioastronomia  
Via Gobetti 101, Bologna, Italy.

**Place and date of birth:** Bolzano, Italy, 3 November 1963

**Citizenship:** Italian

**Address:** Via Faenza 17, 40139 Bologna, Italy

## Education, Fellowships & Contracts

- 1988** – University of Bologna, Physics Department. I graduated in Physics, maximum cum laude, on March 18th 1988 discussing the thesis “Radio sources of intermediate strength” (supervisors Prof. R. Fanti and L. Gregorini).
- 1988** – Just after my graduation I spent 3 months as summer student at the Netherland Foundation for Research in Astronomy in Dwingeloo (The Netherlands).
- 1989** – One year fellowship awarded by the CNR at the Istituto di Radioastronomia in Bologna. In this period I worked mainly on evaluate procedures to better assess the amplitude calibration of the European VLBI Network.
- 1990** – I started my PhD in Astronomy at the University of Bologna working on “Low frequency variability of extragalactic radio sources” (supervisors Prof. L. Padrielli and R. Fanti).
- 1992** – Visiting PhD student at the Department of Physics and Astronomy of the University of Iowa (USA) for a period of three months working with Prof. S. Spangler.
- 1992** – I finished my PhD in Astronomy.

- 1993** – Two years EU post-doc research fellowship at the Nuffield Radio Astronomy Laboratories in Jodrell Bank (UK) under the supervision of Prof. R.T. Schilizzi and R.E. Spencer. During this period I mainly worked on lower luminosity BL Lac objects and high resolution observations of Compact Steep Spectrum Sources.
- 1996** – Starting from January 1996 I obtained a temporary position (Articolo 23) funded by Agenzia Spaziale Italiana (ASI) at the Istituto di Radioastronomia del CNR in Bologna. The contract was renewed till 2001.
- 2001** – Since 2001 I have a permanent position at the Istituto di Radioastronomia in Bologna.

### **Organizing Committees & Boards**

I was involved in several organizing committee for schools and conferences: the XXIX Young European Radio Astronomers Conference (YERAC) held in Riccione in 1996 and hosted by the Istituto di Radioastronomia was my first one; the last one was the MCCT-SKADS First Training School held in Bologna in September 2007.

From 2002 to 2004 I was member of the European VLBI Network Program Committee (EVN PC). The EVN PC meets three times per year in order to consider request for observing time on the EVN and to discuss other issues of relevance to EVN observing.

From 2005 to 2007 I acted as secretary in the meetings of the European VLBI Network Board of Directors.

In 2007 I was member of the International Committee EVN2015 appointed by the EVN Board of Directors to prepare a document presenting the Science Vision of the EVN for the next 10 years.

### **Current main fields of research**

- 1) Radio survey. I'm involved in the radio observations and analysis of two of the

largest multifrequency deep surveys: the VVDS (as P.P. of the radio observations) and the COSMOS survey (working in close collaboration with the PIship held at MPIA in Heidelberg). Radio observations represent a fundamental contribution to these projects as they will provide fundamental answer to a number of key questions, including: the secure identification of dust-obscured galaxies and their contribution to the cosmic star formation history; the evolution of the FIR/radio correlation for star forming galaxies; the evolution of low luminosity AGN to high redshifts.

- 2) High resolution observations of extragalactic radio sources Exploiting the capabilities of all the major radio interferometers (VLA, MERLIN and VLBI) using ancillary broad-band data I have carried out many observations investigating the properties of several classes of radio sources including BL Lac objects, ULIGs, hot-spots in radio galaxies and quasars.

### **Publications**

I have published more than 100 papers, about 80 of them are in refereed journals.

**Firma:** Marco Bondi