

CURRICULUM VITAE

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Researcher in Astronomy
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Personal data

- Date of birth: 9 Luglio 1974
- Place of birth: Adria (RO), Italy
- Citizenship: italian

Education

- 1999: “*Laurea*” (*summa cum laude*) in Astronomy, Università degli Studi di Padova, Italia.
- 1999-2002: Ph. D., Dipartimento di Astronomia dell’Università degli Studi di Padova.

Actual interests in astrophysics: Cosmology; Galaxy clusters and groups; Gravitational lensing; Numerical methods in astrophysics.

Working experiences

- 2002-2003: Postdoc at the Astronomy Dept., Padova University.
- 2003-2004: Postdoc at the Physics Dept., Padova University.
- 2004-2006: Postdoc at the Institut für Theoretische Astrophysik, Zentrum für Astronomie, Heidelberg University.

- 2006-*now*: Permanent Researcher in Astronomy at the National Institute for Astrophysics - Italy, Astronomical Observatory of Bologna.
- 2009-*now*: Professor at the Astronomy Dept. of the University of Bologna

Publications and talks

- 45 publications on refereed international journals (14 of which as first author)
- 7 invited talks at international conferences
- about 30 seminars in national and international institutes

Foreign languages

- Italian;
- English;
- German.

Programming skills

- Fortran 77/90;
- C++;
- IDL.

Academic activities

Supervisions:

- supervision of graduate and under-graduate students at the University of Bologna and at the University of Heidelberg.

Teaching:

- 2002: Lecturer, "*Gravitational lensing*" as part of the Cosmology course at Dipartimento di Astronomia dell'Università degli Studi di Padova.
- 2003: Lecturer, "*Numerical methods for gravitational lensing*", Summer School on "Applications of parallel computing to Science and Engineering", at Dipartimento di Costruzioni e Trasporti dell'Università degli Studi di Padova.
- 2004: Lecturer, "*Arc statistics*", National Astrophysics School, Bertinoro.
- 2004: Assistant, "*Selected topics in cosmology*", winter semester 2004, Heidelberg University
- 2005: Assistant, "*Theoretical Astrophysics*", winter semester 2005, Heidelberg University.
- 2006: Lecturer, "*Gravitational lensing*", summer semester 2006, Heidelberg University.

- 2006: Lecturer, "*Gravitational lensing*", Graduate School on Physics, Heidelberg University.
- 2006: Lecturer, *Strong lensing*, Autumn School on Gravitational Lensing, Acireale (CT)
- 2009: Professor, *Gravitational lensing*, Astronomy and Astrophysics course at the University of Bologna

Grants

- 1999: C.N.A.A. grant for visiting foreign institutes.
- 1999: grant from Padova University to visit foreign institutes
- 2000: C.N.A.A. grant for visiting foreign institutes.
- 2001: EARA Marie Curie grant to visit the Max Planck Institut für Astrophysics, Garching.
- 2002: EARA Marie Curie grant to Max Planck Institut für Astrophysics, Garching.
- 2002: Grant from the University of Padova to work on "Clusters and groups of galaxies" at the Dipartimento of Astronomy, University of Padova.
- 2003: Grant from the University of Padova to work on "Cosmological models with dark energy" at the Physics Dept., University of Padova
- 2009: HPC2 Grant for supercomputing at HLRS Stuttgart

Awards

- 2005: Winner of the award "Premio Livio Gratton", as author of the best Ph.D. thesis in Astronomy and Astrophysics presented in Italy in the academic years 2002/2003 e 2003/2004

References

- Prof. Dr. Lauro Moscardini, Dipartimento di Astronomia, Università di Bologna, E-mail moscardini@bo.astro.it
- Prof. Dr. Matthias Bartelmann, Institut für Theoretische Astrophysik, Universität Heidelberg, Germany, E-Mail mbartelmann@ita.uni-heidelberg.de