

CURRICULUM VITAE ET STUDIORUM

Andrea Cimatti

Contact Information:

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- Born in Bologna on 31 July 1964.
- Graduated "cum laude" in Astronomy at Bologna University (1990).
- ESO-Garching (Germany) studentship (1993).
- PhD degree in Astronomy at Florence University - Department of Astronomy and Space Science (1994).
- Unpaid Associate at ESO - Garching (Germany).
- Postdoctoral fellow at University of California (Livermore e Berkeley) (1995-1996).
- Research astronomer at INAF - Osservatorio Astrofisico di Arcetri (1994-2003).
- Associate Astronomer INAF - Osservatorio Astrofisico di Arcetri (2003-2006).
- Full professor at University of Bologna - Department of Astronomy (2006).

Participation in National and International Committees:

- Italian representative in the ESO Scientific Technical Committee (STC) (1999-2005).
- Member of the STC Working Group on 2nd generation VLT instruments and VISTA (2000-2001).
- Chairperson of the committee ESO-STC "La Silla 2006+" (2002-2003).
- Member of "Scientific Organizing Committees" of several international conferences.
- Member of the OPTICON Science Working Group on "Extremely Large Telescopes" (ELTs) (2003-2005).
- Member of the ESO Science Working Group on European ELT.
- Co-Investigator in cosmological surveys with ESA Herschel PACS GTO (2004+).
- Member of the INAF Scientific Council.

Awards:

- Award "Livio Gratton" for the best PhD Thesis in Astronomy in Italy in 1994 (1995).
- "Bessel Prize" of the Alexander von Humboldt Foundation (Germany, 2006).

Scientific Projects:

- High-redshift radiogalaxies with Keck telescopes (1995-1998).
- "Associated Scientist" of NASA SWIFT (GRB follow-up) (2003+)
- PI of 3 ESO-VLT Large Programmes :

1. "A stringent test on the formation of early-type and massive galaxies" (1999-2000).
 2. "The nature and evolution of infrared galaxies: bridging optical and SIRTf-SWIRE data with near-infrared observations of the ELAIS-S1 field" (2002-2003).
 3. "GMSS: the galaxy mass assembly ultra-deep spectroscopic survey" (2004-2005).
- PI and Co-I of several projects with ESO 2.2m, 3.6m, NTT, VLT, Keck, JCMT, SEST, IRAM 30m, HST, NOT telescopes (1993-2008).
 - PI of the SPACE project selected by ESA in the context of Cosmic Vision 2015-2025 (2007).
 - PI of the spectroscopic experiment of the ESA Euclid mission (Euclid-NIS) (2008).

Some relevant publications:

- Vigorous star formation hidden by dust in a galaxy at $z=3$, 1998, Cimatti A., Andreani P., Roettgering H., Tilanus R., Nature, 392, 895.
- The K20 survey. I. Disentangling old and dusty star-forming galaxies in the ERO population, 2002, Cimatti A., Daddi E., Mignoli M. et al. A&A, 381, L68.
- The K20 survey. IV. The redshift distribution of K₂₀ galaxies: a blind test of galaxy formation models, 2002, Cimatti A., Mignoli M., Pozzetti L. et al. A&A, 391, L1.
- Old galaxies in the young Universe, 2004, Cimatti, A.; Daddi, E.; Renzini, A. et al. 2004, Nature, 430, 184.
- Elliptical view of galaxies past, 2008, Cimatti A., Nature, 451, 253
- SPACE: the spectroscopic all-sky cosmic explorer, 2009, Cimatti A. and the SPACE Team, Experimental Astronomy, 23, 39