

Curriculum Vitae et studiorum

Pasquale Blasi

Present Position

Associate Professor
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Career

- 2004-Present: Associate Professor
- 2001-2004: Assistant Professor
- 1999-2001: Research Associate, Theoretical Astrophysics Group, Fermi National Accelerator Laboratory (Fermilab)
- 1997-1999: Research Associate, Department of Astronomy and Astrophysics, The University of Chicago
- November-December 2005, Visiting Scientist KIPAC, SLAC, Stanford
- Frequent Visiting Scientist, Kavli Institute, University of Chicago

Education

- 1997 - PhD in Physics at Universita' di L' Aquila, Gran Sasso National Laboratory, Italy
- 1993 - Laurea degree with 110/110 *magna cum laude*, Universita' di Bari, Italy

Fellowships and Awards

- 1997 - Fellowship of the Italian National Institute for Nuclear Research (INFN) for research in a foreign organization
- 2003 - Shakti P. Duggal Award, awarded by the IUPAP (International Union for Pure and Applied Physics) during ICRC in Tokyo.

Memberships and Working Groups

- Member of the Science Committee of the Italian National Institute for Astrophysics (INAF)
- Member of several Working Groups for the GLAST gamma ray Telescope
- Member of the Pierre Auger Collaboration
- Member of the Science Working Group of CTA (Cherenkov Telescope Array)

Service for the Scientific Community

Referee for some Funding agencies, such as the National Science Foundation (NSF) and the Israeli Science Foundation.

Referee for *The Astrophysical Journal*, *The Astrophysical Journal Letters*, *Astronomy & Astrophysics*, *Monthly Notices of the Royal Astronomical Society*, *Physical Review D*,

Physical Review Letters, Astroparticle Physics, Journal of Cosmology and Astroparticle Physics

Books

Co-Editor (with M. Salvati) of the Proceedings of the Joint Discussion JD01 on “Non-electromagnetic windows in Astrophysics” at the IAU XXVth General Assembly, Sydney, Australia, July 2003

Teaching and Supervision

- *'Quantum field Theories'*, Università di L'Aquila, Italy, 1995
- *'Particle Acceleration at shocks'*, National School of Astrophysics, Asiago, Italy 2002
- *'High energy Astrophysics'*, Università di Firenze, Italy, 2002-2003
- *'High energy Astrophysics'*, Università di Catania, Italy, 2003
- *'Cosmic Ray Astrophysics'*, Scuola Normale di Pisa, Italy, 2004-present
- *Supervision of three PhD thesis and one Laurea thesis*

Scientific Interests

- Origin of Cosmic Rays
- Particle acceleration at shock fronts
- Non-thermal phenomena in clusters of galaxies
- Annihilation of non-baryonic dark matter