



Francesco Haardt

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Contact data

Associate Professor

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Biography

Born: April 19, 1964 (Milano)

1991: Laurea degree in Physics, University of Milano

1993: M.Sc. in Astrophysics, SISSA/ISAS, Trieste

1994: Ph.D. in Astrophysics, SISSA/ISAS, Trieste

2002-present: Associate Professor (University of Insubria)

1999-2001: Assistant Professor (University of Insubria)

1997-1998: Post Doc, University of Milano

1995-1996: Assistant Researcher, CHT, Gothenburg, Sweden

1994: Visiting Graduate Student, STScI, Baltimore, USA

1991-1994: Ph.D. Student, SISSA/ISAS, Trieste

Research interests

Dynamics of black holes in galactic nuclei, gravitational wave emission from black hole binaries, cosmic evolution of massive black holes, high energy emission from active nuclei, physics of the intergalactic medium, cosmic history of ionizing sources.

Teaching experience and appointments

Courses in (from 1995):

Cosmology, Special Relativity, Probability & Statistics, Classical Electrodynamics, Solar Physics, High Energy Astrophysics, Physics Lab I, Thermodynamics.

Representative publications

Salvaterra, Ruben; Haardt, Francesco; Ferrara, Andrea
Cosmic backgrounds from miniquasars, 2005 MNRAS, 362, 50 (EN)

Sesana, Alberto; Haardt, Francesco; Madau, Piero; Volonteri, Marta
The Gravitational Wave Signal from Massive Black Hole Binaries and Its Contribution to the LISA Data Stream, 2005 ApJ, 623, 23 (EN)

Sesana, Alberto; Haardt, Francesco; Madau, Piero; Volonteri, Marta
Low-Frequency Gravitational Radiation from Coalescing Massive Black
Hole Binaries in Hierarchical Cosmologies, 2004 ApJ, 611, 623 (EN)

Madau, P.; Rees, M. J.; Volonteri, M.; Haardt, F.; Oh, S. P.
Early Reionization by Miniquasars, 2004 ApJ, 604, 484 (EN)

Volonteri, Marta; Haardt, Francesco; Madau, Piero
The Assembly and Merging History of Supermassive Black Holes in
Hierarchical Models of Galaxy Formation, 2003ApJ, 582, 559 (EN)