

Curriculum Vitae

Marta Volonteri

Current address

Institut d'Astrophysique de Paris
98bis Bd. Arago
75014, Paris, France

Positions

Directeur de Recherche, CNRS, France	2012-present
Associate Professor with tenure, University of Michigan, Ann Arbor, MI, US	2010-2011
Assistant Professor, University of Michigan, Ann Arbor, MI, USA	2007-2010
Research Associate, Institute of Astronomy, Cambridge, UK	2004-2006
Postgraduate Research Astronomer, University of California, Santa Cruz, USA	2002-2004

Education

PhD in Astronomy, University of Milan, Italy	2003
MS magna cum laude in Physics, University of Milan, Italy	1999

Student and postdoctoral supervision

PhD students:

Hugo Pfister, Université Pierre et Marie Curie	2016-present
Tilman Hartwig, Université Pierre et Marie Curie	2014-2017
Michael Tremmel, University of Washington, USA	2014-2017
Mélanie Habouzit, Université Pierre et Marie Curie	2013-2016
Sandor Van Wassenhove, University of Michigan	2008-2013
Matthew Masarik, University of Michigan	2010-2012
Shannon Schmoll, University of Michigan	2007-2011
Shengnian Xu, University of Science & Technology of China	2008-2009
Bernadetta Devecchi, Università of Milano-Bicocca	2007-2009
Federico Marulli, Università degli Studi di Bologna, Bologna, Italy	2004-2007

Undergraduate students:

Mathieu Chuniaud, ENS-Cachan (co-supervision)	2018
Sandrine Lescaudron, Université de Marseille (co-supervision)	2018
Gaylor Wafflard-Fernandez, Université Paris Sud	2017
Hugo Pfister, ENS-Cachan	2016-2016
Roberta Maroni, University of Michigan	2011-2012
Duncan Campbell, University of Michigan	2008-2011
Albino Perego, Università degli Studi di Milano, Italy	2008-2009
Gary Foreman, University of Michigan	2007-2008
Marcella Fontana, Università degli Studi dell'Insubria, Italy	2005-2007

Postdoctoral researchers:

Luciano Del Valle, Institute d'Astrophysique de Paris	2016-present
Maxime Trebitsch, Institute d'Astrophysique de Paris	2016-present

Alessandro Lupi, Institute d'Astrophysique de Paris	2016-present
Salvatore Cielo, Institute d'Astrophysique de Paris	2016-2018
Andrea Negri, Institute d'Astrophysique de Paris	2015-2017
Muhammad Latif, Institute d'Astrophysique de Paris	2014-2016
Pedro Capelo, University of Michigan	2012-2014
Jillian Bellovary, University of Michigan	2010-2012
Massimo Dotti, University of Michigan	2008-2009

Dissertation committees:

Florian Bolgar, Observatoire de Paris	2018
Fabio Pacucci, Scuola Normale Superiore	2016
Alessandro Lupi, Università di Como	2015
Cédric Collet, Université Paris Sud	2014
Brian Nord, University of Michigan, Physics	2011
Matthew Masarik, University of Michigan, Mathematics	2012

Teaching

Undergraduate:

Active galactic nuclei and host galaxies. Ecole Doctorale 127. France	2013, 2014, 2015
High-z galaxies, quasars and black holes	2015
Massive black holes and galaxies. Chalmers University. Sweden	2013
Supermassive black holes. Osservatorio di Brera, Italy	2013
The extragalactic Universe, University of Michigan, USA	2011
Formation and Evolution of Black Holes. Summer School. Italy	2009
Black Hole Formation and Light-up, Summer School, Italy	2007

Graduate:

Galaxies and the Universe, University of Michigan, USA	2010
Introductory Astronomy: Stars, Galaxies, and the Universe, University of Michigan, USA	2008, 2009, 2010, 2011
Introduction to Astrophysics, University of Michigan, USA	2008, 2009
Probability and Statistics, University of Como, Italy	2001
Physics Laboratory in Mechanics, University of Como, Italy	2001

Grants, awards and Fellowships

Subvention Manifestation Scientifique DIM ACAV+	2018
Subventions CNES, PNHE, PNCG (organization colloque IAP)	2018
ERC Consolidator Grant, PI Volonteri	2014-2019
GENCI HEC, PI Volonteri	2012-present
Marie Curie Career Integration Grant, PI Volonteri	2012-2016
National Science Foundation, PI Volonteri	2011-2014
NASA HEC, PIs Bellovary-Volonteri	2011-2012
Chandra Theory Award, PI Volonteri	2011-2012
MCTP Workshop Award, PI Volonteri	2010
NASA HEC, PIs Bellovary-Volonteri	2010-2011
NASA ATP, PI Volonteri	2010-2013
Rackam Faculty Grant, PI Volonteri	2009
Michigan Center for Theoretical Physics, PIs Volonteri – Freese	2009
Chandra Theory Award, PI Volonteri	2008-2010

IUPAP Astrophysics Young Physicist Honorable Mention	2008
Chandra GO, PI Alexander	2007-2009
NASA ATP, PI Kalogera	2007-2010
PhD Fellowship, Università degli Studi di Milano, Italy	1999-2002
Scholarship from the Italian MURST	2000
Scholarship from CARIPLO	1998

Professional activities

Reviewer: National Science Foundation, NASA, Dutch Science Council, Volkswagen Foundation, Chandra TAC, Magellan TAC, the Astrophysical Journal, the Monthly Notices of the Royal Astronomical Society, Astronomy & Astrophysics, Classic and Quantum Gravity, Nature, Science, Einstein Fellowship, European Research Council, Marie Skłodowska-Curie action

Organizing Committee: 26 conferences/workshops since 2008

Management/Service: Co-chair of the LISA Astrophysics Working group in the LISA consortium, Conseil de laboratoire (IAP, 2014-present); Board and Conseil Scientifique of the Groupement de Recherche Ondes Gravitationnelles (IN2P3/INP/INSU, 2016-); Management Committee COST action CA16104 (Gravitational waves, black holes and fundamental physics, 2017-); Management Committee IAU Division X1 Supermassive Black Holes, Feedback and Galaxy Evolution (2015-2018); Management Committee IAU Division D1 Gravitational Wave Astrophysics (2018-); 13 departmental committees at the University of Michigan (2007-2011); 26 international conferences organizing committees

Editor: LISA Science Case (2007, 2016); eLISA Science Case (2011, 2013); Athena Science Case (2013); PASA Special Series: Understanding the Growth of the First Supermassive Black Holes (2016, with R. Valiante and R. Schneider)

Conference Invited/Review Talks

88 invited/review/plenary talks at international conferences

53 colloquia at universities and research institutions

Publications

149 refereed papers, >8400 citations, h-index 52

Outreach:

Articles/interviews for Sky & Telescope (Are monster black holes marauding through the universe? 2013; The first black holes: how they formed and why it matters. 2017; Black holes vs galaxies: who's in charge 2017); Interviews with BBC radio 4, News Scientist, Scientific American, Science News, Space.com; Video contribution for Science online portal; Talks and public lectures available on YouTube; Conférence-débat de l'Académie des sciences « Les trous noirs : leur nature, et leur rôle en physique et en astrophysique »