

Curriculum Vitae

Name: **Luciano REZZOLLA**, Prof. Dr.
Office Address: Institute for Theoretical Physics
Max-von-Laue Str. 1, D-60438 Frankfurt am Main, Germany
Tel. +49-69-79847871 – Fax. +49-69-79847879
email: rezzolla@th.physik.uni-frankfurt
webpage: <http://astro.uni-frankfurt.de/rezzolla/>

Education

1994 – 1997 Ph.D. in Relativistic Astrophysics at SISSA, Italy. Supervisor: Prof. John C. Miller
1993 – 1994 Served as Officer (Midshipman) in the Technical Corp of the Italian Navy
1991 – 1992 Research work for the Laurea (MSc) Thesis at the Astronomical Observatory, Trieste, Italy
1992 Laurea (MSc) in Physics: 110/110 cum Laude
1989 – 1991 Undergraduate work at the Department of Physics, University of Trieste, Italy
1986 – 1988 Undergraduate work at the Department of Physics, University of Bari, Italy

Employment

2013 – to date Chair of Theoretical Astrophysics, Institute for Theoretical Physics, Frankfurt am Main
2006 – 2014 Head of the Numerical Relativity Group, Albert Einstein Institute
2004 – 2006 Director of the Computing Centre at SISSA, Italy
2004 – 2006 Associate Professor in Relativistic Astrophysics at SISSA, Italy
2004 – 2013 Adjunct Professor, Dept. Physics and Astronomy, Louisiana State University, USA
2000 – 2003 Ricercatore (Tenured Assistant Professor) in Relativistic Astrophysics at SISSA, Italy
1999 – 2000 Five-year Senior Research Fellow, Astrophysics Sector at SISSA, Italy
1998 – 1999 Postdoctoral Fellowship, Physics Dept., University of Illinois at Urbana (with Prof. F. K. Lamb)
1996 – 1998 Postdoctoral Fellowship, NCSA, University of Illinois at Urbana (with Prof. S. L. Shapiro)
1993 – 1994 Served as Officer (Midshipman) in the Italian Navy. Assigned to the submarine “Gazzana”

Professional Highlights (from 2000 to date)

2013 Awarded ERC Synergy Grant “BlackHoleCam”
2013 Chair of “NewCompStar”, an ESF-funded COST Action
2012 Member of the Review Panel for the Canadian NSERC
2012 Member of the Editorial board of Living Reviews in Computational Astrophysics
2012 Member on the AERES review panel for the Observatory of Paris, Meudon
2010 – to date Member of the International Society of General Relativity and Gravitation
2014 – to date Chief Editor of hyperspace@gu: a web blog about General Relativity and Gravitation
2009 – 20014 Chief Editor of hyperspace@aei: a web blog about General Relativity and Gravitation
2007 – 2013 Co-Chair of CompStar, an ESF-funded research network on compact stars
2007 – 2013 Member of the Steering Committee of CompStar
2007 – 2011 Member of the Executive Board of the Virgo-EGO Scientific Council (VESF)
2006 – 2013 Member of the Editorial Board of the Journal *Classical and Quantum Gravity*
2002 – 2006 Director of the Computing Centre at SISSA, Italy
2004 – 2013 Adjunct Professor at the Department of Physics and Astronomy, Louisiana State University, USA
2004 – 2006 Member of the Executive Board, Italian Society of Gravitational Physics and Relativity (SIGRAV)
2004 – to date Member of the Italian Society of Gravitational Physics and Relativity (SIGRAV)
2002 – 2004 Deputy Director of the Computing Centre at SISSA, Italy

2009	Member of SOC of <i>COSPAR 10</i> (Event H02), Bremen, 2010
2009	Member of LOC of <i>NRDA 2009</i> , Potsdam, 2009
2009	Member of SOC 19th of <i>GRG19</i> , Mexico City, 2010
2006	Chair of LOC of <i>New Frontiers in Numerical Relativity</i> , Potsdam, 2006
2006	Member of LOC of the <i>XI Marcel Grossman meeting</i> , Berlin, 2006
2003	Co-Chair of LOC of <i>Sources of Gravitational Waves</i> , Trieste, 2003
2003	Co-Director of the <i>Advanced School on Sources of Gravitational Waves</i> , Trieste, 2003
2000	Member of LOC of <i>Gravitational Waves: a Challenge to Theoretical Astrophysics</i> , Trieste, 2000

Publications

I have published more than 150 papers on various refereed journals and about 50 papers as contributions to proceedings. The complete list can be found on the NASA ADS server, which also reports about 5800 citations to these works and an h-index of 46.

BOOKS

2013	<i>Relativistic Hydrodynamics</i> , L. Rezzolla , O. Zanotti, Oxford University Press
2010	Editor of <i>MICRA2009</i> , C. Ott, C. Pethick, and L. Rezzolla , Class. Quantum Grav. 27
2007	Editor of <i>New Frontiers in Numerical Relativity</i> , M. Campanelli and L. Rezzolla , Class. Quantum Grav. 24
2001	Editor of <i>Gravitational Waves: A Challenge to Theoretical Astrophysics</i> V. Ferrari, J. C. Miller and L. Rezzolla , ICTP Lecture Series, Vol. 3, ISBN 92-95003-05-5

Teaching Experience and Courses Given

I have taught a variety of subjects at different levels, ranging from more analytic courses (*General Relativity*, *Advanced General Relativity*, *Astrophysics of Compact Objects*, *Astrophysical Relativity*, *Numerical Relativity*, *Hydrodynamics and MHD*) to more computationally oriented ones (*Numerical Methods for Astrophysics*, *Numerical Analysis of Hyperbolic and Parabolic Equations*, *Introduction to Numerical Relativity*).

Graduate and Undergraduate Studies Advisees

Laurea-Diplom (MSc) Students:

1999–2000	<i>Ilia Musco</i> , University of Trieste (with J. C. Miller)
2001–2002	<i>Bruno Giacomazzo</i> , University of Parma (with E. Onofri)
2003–2004	<i>Luca Naso</i> , University of Catania (with A. Bonanno)
2004–2005	<i>Gregor Leiler</i> , University of Udine
2007–2008	<i>Michael Jasiulek</i> , von Humboldt University, Berlin
2007–2008	<i>Filippo Galeazzi</i> , University of Padua, Italy
2007–2008	<i>Philipp Möesta</i> , University of Kassel
2008–2009	<i>David Link</i> , von Humboldt University, Berlin
2008–2009	<i>David Radice</i> , Politecnico di Milano, University of Milano (with G. Magli)

Ph.D. Students:

1999–2002	<i>Olindo Zanotti</i> , SISSA; now researcher at Trento Univ., Italy
2000–2004	<i>Luca Baiotti</i> , SISSA; now Ass. Prof. at Osaka Univ., Japan
2000–2004	<i>Pedro Montero-Muriel</i> , SISSA (with J. Miller); now postdoc at Garching, Germany
2002–2005	<i>Bruno Giacomazzo</i> , SISSA; now assistant prof. at Trento Univ., Italy
2004–2008	<i>Enrico Barausse</i> , SISSA; now postdoc at Univ. of Maryland, USA
2005–2009	<i>Ernazar Abdikamalov</i> , SISSA (with J. Miller); now postdoc at Caltech, USA
2006–2010	<i>Christian Reisswig</i> , AEI; now Einstein Fellow at Caltech, USA
2006–2010	<i>Jennifer Seiler</i> , AEI; now postdoc at NASA/Goddard, USA
2009–2012	<i>Philipp Moesta</i> , AEI; now postdoc at Caltech, USA
2005–2012	<i>Thorsten Kellermann</i> , AEI; now consultant in private company, Munich, Germany
2010–2013	<i>David Radice</i> , AEI; now Prize Fellow at Caltech, USA.
2008–2014	<i>Filippo Galeazzi</i> , AEI; now postdoc in Frankfurt, Germany
2009–2015	<i>Kyriaki Dionysopoulou</i> , AEI; now postdoc in Southampton, UK