

PERSONAL INFORMATION

Family name, First name: **Rezzolla, Luciano** (ORCID): <https://orcid.org/0000-0002-1330-7103>

Date of birth: 25.09.1967, Nationality: Italian, web site: <https://astro.uni-frankfurt.de/rezzolla>

• EDUCATION

1997 PhD in Astrophysics, International School for Advanced Studies (SISSA), Trieste, Italy
1992 Master in Physics (Laurea), Department of Physics, University of Trieste, Italy

• CURRENT POSITIONS

2021 – 2025 Spokesperson of the Cluster of Excellence “ELEMENTS”
2020 – Board of Directors, Frankfurt Institute for Advanced Studies (FIAS)
2019 – The Andrews Professor of Astronomy, Trinity College Dublin
2017 – Director, Institute for Theoretical Physics (ITP), Goethe University, Frankfurt Germany
2013 – Chair of Theoretical Astrophysics, ITP, Goethe University, Frankfurt, Germany

• PREVIOUS POSITIONS

2006 – 2014 Head of Numerical Relativity, MPI for Gravitational Physics (AEI), Potsdam, Germany
2004 – 2006 Associate Professor, SISSA, Trieste, Italy
2000 – 2003 Assistant Professor, SISSA, Trieste, Italy

• FELLOWSHIPS AND AWARDS

2021 “Group Achievement Award 2021”, Royal Astronomical Society (shared with EHT)
2021 – 2026 ERC Advanced Grant “JETSET”
2020 “Niko-Claus Prize for Excellence in Teaching”, Frankfurt, Germany
2020 “Bruno Rossi Prize 2020”, American Astronomical Society (shared with EHT)
2019 “Albert Einstein Medal 2020”, Einstein Society at Bern (shared with EHT)
2019 “Golden Seal”, University of Bari, Italy
2019 “Breakthrough Prize 2020” in Fundamental Physics (shared with EHT)
2019 “Outstanding Personality 2019”, Frankfurt am Main City Council, Germany
2019 “The Andrews Professor of Astronomy”, Trinity College Dublin (Est. 1783)
2019 Frankfurt Physics Science Prize, Frankfurt, Germany
2019 “Premio Virtute e Conoscenza” (Virtue and Knowledge Prize), Lecce, Italy
2019 “Diamond Achievement Award”, Nat. Science Foundation (shared with EHT)
2017 Karl Schwarzschild Prize, Frankfurt, Germany.
2016 Outstanding Referee Prize from the American Physical Society
2015 Appointed Senior Fellow at the Frankfurt Institute for Advanced Studies (FIAS)
2014 – 2020 ERC Synergy Grant “BlackHoleCam”
2013 Max-Planck Award 2013 for Scientific Visualisation

• SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

2013 – ITP, Frankfurt, Germany: 11 PhD students (Bovard, Guercilena, Zhou, Köppel, Olivares, Most, Weih, Meyer, Zhou, Zhu, Chabanov; 7 are ongoing) and 8 Master Students.
2006 – 2013 AEI, Potsdam, Germany: 8 PhD students (Reisswig, Seiler, Mösta, Kellermann, Radice, Galeazzi, Frieben, Dionysopoulou) and 5 Master Students.
2000 – 2008 SISSA, Trieste, Italy: 6 PhD students (Zanotti, Baiotti, Montero, Giacomazzo, Barausse, Abdikamalov) and 4 Master Students.

Seven of the PhD students have professorships in Kazakhstan (Abdikamalov), Japan, (Baiotti), Italy (Barausse, Giacomazzo), Netherlands (Mösta), USA (Radice), China (Zhou). He has also supervised more than 20 postdocs, many with faculty jobs in Europe (Ciolfi, De Laurentis, Harte, Nathanail, Palenzuela, Porth, Younsi), Asia (Mizuno, Takami, Yoshida, Zhou), Africa (Pollney), and America (Chirenti, Read).

• TEACHING ACTIVITIES

2013 – 2019 *Advanced General Relativity, General Relativity, Hydrodynamics and MHD, Numerical Methods for Physics*, ITP Frankfurt

2004 – 2013 *Introduction to General Relativity, Introduction to General Relativity*, AEI Potsdam
2000 – 2008 *Astrophysical Applications of General Relativity, Introduction to General Relativity, Numerical Methods for Astrophysics*, SISSA Trieste

• ORGANISATION OF SCIENTIFIC MEETINGS

Prof. Rezzolla regularly serves in the Scientific Organising Committees (SOCs) and Local Organising Committees (LOCs) of Conferences and Schools (more than 35 Committees over the last ten years). Special examples are the SOC of “GR19” (Mexico City, 2009), the LOC of “*New Frontiers in Numerical Relativity*” (Potsdam, 2006) and the “*Advanced School on Sources of Gravitational Wave*” (Trieste, 2003).

• INSTITUTIONAL RESPONSIBILITIES

2021 – Spokesperson of the Excellence Cluster “ELEMENTS”
2020 – Member of the Board of Directors, Frankfurt Institute for Advanced Studies (FIAS)
2017 – Director, Institute for Theoretical Physics (ITP), Frankfurt
2018 – Member of the Steering Committee of “PHAROS” (CA16214), COST Action
2016 – 2017 Deputy Director, Institute for Theoretical Physics (ITP), Frankfurt
2014 – Member of the Executive Board, *Event Horizon Telescope Collaboration*
2012 – 2016 Chair of “*NewCompStar*” (MPS1304), COST Action
2007 – 2013 Member of the Executive Board, Virgo-EGO Scientific Council (VESF)
2007 – 2011 Co-Chair of “*CompStar*”, a Research Network of the European Science Foundation (ESF)
2004 – 2006 Member of the Executive Board, Italian Society of Gravity and Relativity (SIGRAV)
2002 – 2006 Director of the Computing Centre, SISSA, Italy

• REVIEWING ACTIVITIES

2019 Member of the Review Panel of the Scuola Normale Superiore, Pisa (Italy)
2019 Member of the Review Panel of the Portuguese FCT
2017 – Member of the PRACE Access Committee
2016 – Member of the Editorial Board, *Nature Physics*
2016 Member of the Selection Committee of the Italian MIUR (areas PE2 and PE9)
2014 – Member of the Editorial Board, *Computational Astrophysics and Cosmology*
2013 Member of the AERES Review Panel for the Observatory of Paris, Meudon, France
2012 – Member of the Editorial Board, *Living Reviews in Computational Astrophysics*
2012 – 2016 Member of the Review Panel for the Canadian NSERC
2006 – 2012 Member of the Editorial Board, *Classical and Quantum Gravity*

Funding Agencies: FWF (Austria), CAS (Czech Republic), CERG (Hong Kong), DFF (Denmark), DFG (Germany), FCT (Portugal), FWO (Belgium), IRCSET (Ireland), ISF (Israel), MIUR (Italy), NRF (South Africa), NSERC (Canada), NSF (USA), NWO (The Netherlands), SNF (Switzerland), and STFC (UK).

Scientific Journals: Annalen der Physik, Astronomy and Astrophysics, Astrophysical Journal, Astrophysical Journal Letters, Classical and Quantum Gravity, General Relativity and Gravitation, International Journal of Modern Physics A and D, Journal of Computational Physics, Journal of Cosmology and Astroparticle Physics, Journal of Fluid Mechanics, Journal of Geometry and Physics, Journal of High Energy Physics, Monthly Notices of the Royal Astronomical Society, Physical Review D and C, Physical Review Letters, Physics Letters B, SIAM Journal on Scientific Computing.

• MEMBERSHIPS OF SCIENTIFIC SOCIETIES

2019 – Member of the Italian Physical Society (SIF)
2018 – Member of the European Physical Society (EPS)
2017 – Member of the German Astronomical Society (AG)
2010 – Member of the International Society of General Relativity and Gravitation (ISGRG)
2004 – Member of the Italian Society of Gravitational Physics and Relativity (SIGRAV)

• CAREER BREAKS

1993 – 1994 Served as Officer (Midshipman) in the Italian Navy on board of the submarine Gazzana.