PERSONAL INFORMATION

Family Name, First Name:	Reisswig, Christian
ORCID:	http://orcid.org/0000-0001-6855-9351
Date of birth:	26 January 1981 in Hannover, Germany
Marital Status:	Married since 2010, 2 children
Web:	http://www.nullinfinity.net/

EDUCATION

Feb 2010	*Dr. rer. nat.* in Physics, Max-Planck-Institute for Gravitational Physics, Potsdam and Leibniz University Hannover, Germany, Supervisor: Luciano Rezzolla, Bernard Schutz
Oct 2006	*Diploma* in Physics, Max Planck Institute for Gravitational Physics, Potsdam and Leibniz University Hannover, Germany, Supervisor: Bernard Schutz
2008	Entrepreneurial Postgraduate Education (EPE) Programme, University Potsdam, Germany

CURRENT POSITION

since 2015	Research & Development in Deep Learning / Computer Vision, Hella Aglaia Mobile Vision GmbH, Berlin, Germany

PREVIOUS POSITIONS

2015 – 2015	Postdoctoral Researcher in Astrophysical Relativity, Max Planck Institute for Gravitational Physics, Potsdam, Germany
2012 – 2015	NASA Einstein Postdoctoral Fellow, TAPIR, Division of Physics, Mathematics, and Astronomy, California Institute of Technology, USA
2010 – 2012	Postdoctoral Scholar in Theoretical Astrophysics, TAPIR, Division of Physics, Mathematics, and Astronomy, California Institute of Technology, USA

FELLOWSHIPS, PRIZES AND AWARDS

2012	NASA Einstein Fellow, California Institute Of Technology, USA
2010	Nominated for the Otto-Hahn Medal, Max Planck Institute for Gravitational Physics, Germany
2009	Finalist Recognition, Illustrations, 2009 International Science & Engineering Visualization Challenge, National Science Foundation, USA
2006 – 2009	International Max-Planck Research School Fellowship, Max-Planck-Institute for Gravitational Physics, Germany
2008	TeraGrid'08 Award (5K Club) at the TeraGrid '08 Conference in Las Vegas (for code scaling performance beyond 5,000 cores)

SUPERVISION OF GRADUATE STUDENTS AND POSTDOCTORAL FELLOWS

since 2010	Team leader of scientific projects, including the supervision of students and postdocs for the respective project, California Institute of Technology, USA

TEACHING ACTIVITIES

2011	Teaching of graduate course "Numerical Relativity : Gravitational Wave Extraction", California Institute Of Technology, USA
2010	Teaching substitute in undergraduate course "Classical Electrodynamics", California Institute Of Technology, USA

COMMISSIONS OF TRUST

since 2014 Reviewer, *National Science Foundation (NSF)*, Federal funding agency, USA
since 2014 Reviewer, *National Research Foundation (NRF)*, National funding agency, South Africa
since 2014 Reviewer, *Astrophysical Journal*, Journal, USA
since 2012 Reviewer, *Physical Review Letters*, Journal, USA
since 2012 Reviewer, *Astrophysical Journal Letters*, Journal, USA
since 2010 Reviewer, *Physical Review D*, Journal, USA
since 2010 Reviewer, *Classical and Quantum Gravity*, Journal, UK

ORGANIZATION OF SCIENTIFIC MEETINGS

2011 Co-organizer and co-ordinator of the Einstein Toolkit Spring Workshop 2011, California Institute Of Technology, USA
2012 Session chair, Simulations of General Relativistic Astrophysical Phenomena, April APS Meeting 2012, Atlanta, USA

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

since 2011 Member of the American Physical Society (APS)

MAJOR COLLABORATIONS

Member of the Numerical Relativity – Analytical Relativity (NRAR) collaboration
Member of the Einstein Toolkit consortium
Member of the Numerical INJection Analysis (NINJA) collaboration
Member of the Simulating eXtreme Spacetimes (SXS) collaboration

SUMMARY OF PUBLICATIONS AND TALKS

39 publications in peer reviewed international journals, 39 total publications
23 invited talks at international conferences / seminars
Total citations: 2261 / 2312 (SAO ADS / INSPIRE HEP),
Hirsch index = 27 / 26 (SAO ADS / INSPIRE HEP)
Total citations excluding self-citations: 1826 (INSPIRE HEP),
Hirsch index = 24 (INSPIRE HEP)

SELECTED INVITED TALKS

Oct 2014 "*Neutrino- and MHD-driven Core-Collapse Supernova Simulations*", Oskar Klein Centre for Cosmoparticle Physics, Stockholm, Sweden, Seminar
Sep 2014 "*Formation and Coalescence of Cosmological Supermassive Black Hole Binaries in Supermassive Star Collapse*", Oskar Klein Centre for Cosmoparticle Physics, Stockholm, Sweden, Colloquium
Apr 2014 "*Core-Collapse Supernovae Simulations and Gravitational Wave Astrophysics*", Sant Cugat, Barcelona, Spain, Gravitational Waves Astrophysics Workshop 2014, Plenary Talk
Nov 2013 "*Formation and Coalescence of Cosmological Supermassive Black Hole Binaries in Supermassive Star Collapse*", Georgia Institute of Technology, Atlanta, USA, Astro-GR Meeting
Aug 2013 "*Formation and Coalescence of Cosmological Supermassive Black Hole Binaries in Supermassive Star Collapse*", Canadian Institute for Theoretical Astrophysics (CITA), Toronto, Canada, Seminar
Jul 2013 "*Formation and Coalescence of Cosmological Supermassive Black Hole Binaries in Supermassive Star Collapse*", University of Santa Barbara, KITP program: "A Universe of Black Holes"

Jul 2013 "*An Example Of Science Results Obtained with the Einstein Toolkit: Supermassive Star Collapse*", Cahill Center for Astronomy and Astrophysics, Caltech, Pasadena, CGWAS International Summer School

May 2013 "*What kinds of supernovae could produce a detectable GW signal?*", University of Warsaw, Question & Answer Session, Amaldi / GR20

May 2012 "*Mano-a-Mano Session: Core collapse Supernovae*", Tobermory, Isle of Mull, UK, Gravitational Wave Bursts Workshop 2012

Jan 2012 "*Black Hole Evolutions with Spectral Multi-Domain Fourier-Continuations*", Cardiff School of Physics and Astronomy, Cardiff, UK, Seminar

Aug 2011 "*Characteristic evolution, extraction, and waveform calculation*", Erwin Schrödinger Institute for Mathematical Physics, Vienna, Austria, Dynamics of General Relativity: Analytical and Numerical Approaches

Feb 2010 "*Measuring Gravitational Waves in Binary Black Hole Merger Simulations: Extraction at $\mathscr{J}^+$, Higher Modes and Detectability*", Center for Computation and Technology, Louisiana State University, Baton Rouge, USA, Seminar

PRESS

2013 "*From one collapsing star, two black holes form and fuse*", Caltech

2013 "*The Formation of Two Supermassive Black Holes from A Single Collapsing Supermassive Star*", 2Physics.com

Appendix: All ongoing and past grants

Past Grants

Project Title	Funding Source	Amount (Euros)	Period	Role of the PI
Simulations of Relativistic Astrophysical Systems	NSF	$\sim$ 675.000 ($\sim$ 22 Mio. Hours CPU time)	2015-2016	co-PI, Leader of sub-project
Long Gamma-Ray Burst Central Engines and Multi-Messenger Astrophysics	NASA	$\sim$ 251.400	2012-2015	Project Leader
Central Engine Models for Core-Collapse Supernovae and Long Gamma-Ray Bursts	NASA	$\sim$ 160.000 ($\sim$ 8 Mio. Hours CPU time)	2013-2014	Project Leader
Simulations of Relativistic Astrophysical Systems	NSF	$\sim$ 660.000 ($\sim$ 33 Mio. Hours CPU time)	2013-2014	co-PI, Leader of sub-project
Central Engine Models for Core-Collapse Supernovae and Long Gamma-Ray Bursts	NERSC	$\sim$ 120.000 ($\sim$ 6 Mio. Hours CPU time)	2012-2013	co-PI, Leader of sub-project
Simulations of Relativistic Astrophysical Systems	NSF	$\sim$ 200.000 ($\sim$ 10 Mio. Hours CPU time)	2012-2013	co-PI, Leader of sub-project
Simulations of Einstein's equations	LONI	$\sim$ 160.000 ($\sim$ 8 Mio. Hours CPU time)	2012-2013	co-PI, leader of sub-project