

Paul Walter - Curriculum Vitae

CONTACT INFORMATION	1 University Station C1600 Austin, TX 78712	<i>Phone:</i> (512) 553-0751 <i>E-mail:</i> pwalter@physics.utexas.edu <i>Webpage:</i> http://wwwrel.ph.utexas.edu/Members/paul
EDUCATION	University of Texas at Austin , Austin, Texas USA Ph.D. Candidate, Physics, August 2002 (expected graduation date: August 2008)	August 2002 - present
	University of Notre Dame , Notre Dame, Indiana USA B.S., Physics, May, 2001	August 1997 - May 2001
RESEARCH EXPERIENCE	<i>University of Texas at Austin</i> Numerical Relativity, modeling waveforms of binary black hole mergers. <ul style="list-style-type: none">• Advisor: Prof. Richard Matzner <i>University of Notre Dame - Undergraduate Research</i> Investigated an alternate paradigm for the s-Process in low-metallicity AGB (Asymptotic Giant Branch) stars. <ul style="list-style-type: none">• Advisor: Prof. Grant Mathews	November, 2003 - present January, 1999 - January, 2002
TEACHING EXPERIENCE	<i>University of Texas at Austin</i> Assistant Instructor <ul style="list-style-type: none">• Introduction to Physical Sciences: Mechanics and Heat (P S 303)• Introduction to Physical Sciences II: Electricity, Light, and Optics (P S 304) Teaching Assistant	June, 2004 - present August, 2002 - May, 2004
	<i>The Princeton Review</i> <ul style="list-style-type: none">• Lectured/tutored physics for pre-med students preparing for the MCAT	January 2006 - August 2007
GUEST LECTURES	Paul Walter, Richard Matzner, Jon Allen, Matt Anderson, and Andrea Nerozzi. <i>Using openGR for Numerical Relativity Simulations</i> , LSU, Baton Rouge, LA, February 21, 2008	
CONTRIBUTED TALKS	Paul Walter, Richard Matzner, Jon Allen, Matt Anderson, and Andrea Nerozzi. <i>Status of openGR</i> , Fourth Gulf Coast Gravity Conference, Oxford, MS, March 8, 2008 http://www.phy.olemiss.edu/GR/gcgm4/ Paul Walter, Andrea Nerozzi, Richard Matzner, and Matt Anderson. <i>Simulation of a Boosted Black Hole with Overlapping Coordinate Systems</i> , APS April Meeting, Dallas, TX, April 23, 2006 http://meetings.aps.org/Meeting/APR06/Event/47624 Paul Walter, Richard Matzner, and Matt Anderson. <i>Fisheye Coordinate Transformation for a Single Black Hole</i> , First Gulf Coast Gravity Conference, Brownsville, TX, February 11, 2005	

<http://cgwa.phys.utb.edu/Events/agendaView.php?EventID=21>

Paul Walter, Grant Mathews. *Prospects for the Flash-Driven Thermal-Pulse s-Process in Low-Metallicity Stars*, AAS 199th Meeting, Washington, DC, January 9, 2002

<http://www.aas.org/publications/baas/v33n4/aas199/195.htm>

CONTRIBUTED
POSTERS

Paul Walter, Richard Matzner, Jon Allen, Matt Anderson, and Andrea Nerozzi. *Binary Black Hole Mergers Using openGR*, APS April Meeting, St. Louis, MO, April 14, 2008

<http://meetings.aps.org/Meeting/APR08/Event/83838>

SCHOOLS OR
CONFERENCES
ATTENDED

Midwest Relativity Meeting (MWRM - 16) / Cliff Will Symposium, St. Louis, Missouri, USA, November 17-19, 2006

International School of Relativistic Astrophysics «John Archibald Wheeler»

1st Course: *Developments of 50 Years in Astrophysical Relativity: Frame-Dragging, Gravitational-Waves and Gravitational Tests*

Directors: Ignazio Ciufolini and Richard Matzner

Erice, Sicily, May 31 - June 8, 2006

Astrophysical Applications of Numerical Relativity Workshop, Guanajuato, Mexico, May 6-11, 2006

Summer School in Gravitational Wave Astronomy (University of Texas at Brownsville), South Padre Island, Texas, USA, June 7-18, 2004

PROFESSIONAL
SOCIETIES
MEMBERSHIP

American Physical Society

International Society on General Relativity and Gravitation