

Charmaine Armitage

CONTACT INFORMATION	Department of Physics University of Illinois at Urbana-Champaign 1110 West Green Street Urbana, IL 61801 USA	<i>Office:</i> (217) 333-2807 <i>E-mail:</i> carmitag@uiuc.edu <i>WWW:</i> www.astro.uiuc.edu/~carmitag
RESEARCH INTERESTS	Cosmic Microwave Background (CMB), analysis of CMB data (Planck and WMAP missions), constraining CMB parameters, numerical cosmology, computing methods	
EDUCATION	University of Illinois at Urbana-Champaign , Urbana, Illinois USA Ph.D. Candidate, Physics, August 2003 - present (expected graduation date: May 2008) <ul style="list-style-type: none">• Advisor: Benjamin D. Wandelt University of British Columbia , Vancouver, British Columbia Canada B.Sc., Combined Honours in Physics and Astronomy, May, 2003 <ul style="list-style-type: none">• Undergraduate Thesis Topic: “The Far-Infrared Background Correlations”• Advisor: Douglas Scott	
RESEARCH EXPERIENCE	Canadian Institute for Theoretical Astrophysics , Toronto, Ontario Canada <i>Summer research assistant</i> Constraints on cosmology from the latest CMB datasets Supervised by Richard Bond and Carlo Contaldi <i>Summer research assistant</i> Non-Gaussian features in CMB datasets Supervised by Richard Bond and Carlo Contaldi	May, 2002 - September, 2002 May, 2001 - September, 2001
HONORS AND AWARDS	UIUC: Ranked as Excellent Teacher, 2003 CITA: Natural Sciences and Engineering Research Council (NSERC) Award, 2002 CITA: NSERC Award, 2001 UBC: Outstanding Student Initiative Award, 1997, 1998, 1999, 2000, and 2001	
TEACHING EXPERIENCE	University of Illinois at Urbana-Champaign , Urbana-Champaign, Illinois USA <i>Teaching Assistant</i>	August - present (periodically) University of British Columbia , Vancouver, British Columbia Canada <i>Teaching Assistant</i>
PUBLICATIONS	Armitage, C. , and Wandelt, B.D. “Generalized Beam Deconvolution Map-Making for Cosmic Microwave Background Observations”, <i>Physical Review D</i> 70, 123007 (2004).	
COMPUTER SKILLS	<ul style="list-style-type: none">• Languages: Fortran, C++, Perl, OpenMP, IDL.• Operating Systems: Unix/Linux, Windows.	