

TIM FREDERIK EIFLER

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RESEARCH INTERESTS:

Cosmology, gravitational lensing, cosmic shear, CMB lensing, statistical methods

EDUCATION:

Oct. 1999 - Mar 2005 Studies of Physics and Astronomy
Rheinische Friedrich-Wilhelms-Universität, Bonn
March 2005 "Diplom" in physics, grade: 1.3 (A)
Diploma thesis: *Optimized Analysis of Cosmic Shear Data*
Supervisor: Prof. Dr. Peter Schneider
since Oct. 2005 PhD student in Astronomy
Argelander-Institut für Astronomie, University Bonn
since Jan. 2006 Member of the *International Max Planck Research School for Astronomy and Astrophysics*
Feb. 2009 PhD in Astronomy (Dr. rer. nat.), grade: 1.0 "magna cum laude" (A)
PhD Thesis: *Theoretical aspects of cosmic shear and its ability to constrain cosmological parameters*
Supervisor: Prof. Dr. Peter Schneider
Feb. - Sept. 2009 Postdoctoral Researcher at the Argelander-Institut für Astronomie
since Sept. 2009 CCAPP Postdoctoral Fellow at the Ohio State University

JOB EXPERIENCE:

2004/2005 Coordinator for the *Graduierten Kolleg 787: Galaxy Groups as Laboratories for Baryonic and Dark Matter*
since 2005 Assistant of the coordinator of the *DFG Priority Programme 1177: Witnesses of Cosmic History: Formation and evolution of black holes, galaxies and their environment*

TEACHING:

2001-2004 Problem-solving section of the *Introduction to Statistics* Lecture
2005/06 and 2007 Problem-solving section of the *Introduction to extragalactic Astronomy* Lecture
2006/07 and 2007/08 Problem-solving section of the *Cosmology* Lecture (graduate level)
2007/08 and 2008/09 Organization of the Seminar on *Statistical Methods in Astronomy*

CONFERENCES/WORKSHOPS:

- 07/2004 IAU Symposium 225: *Impact of Gravitational Lensing on Cosmology*,
Lausanne
- 10/2004 Conference: *Baryons in Dark Matter Halos*, Novigrad
- 08/2005 Conference: *Cosmo 05, 9th International Workshop on Particle Physics
and the Early Universe*, Bonn
- 09/2005 Conference: DFG Priority Programme, Bad Irsee
- 06/2006 Summer School: *Evolution of galaxies and their large-scale environ-
ment*
- 02/2007 Conference: Transregio 33 *The Dark Universe*, Munich
- 06/2007 Summer School: *Astrostatistics*, Penn State, USA
- 07/2007 XXIIIrd IAP Colloquium: *From giant arcs to CMB lensing: 20 years of
gravitational distortion*
- 09/2007 Conference: Transregio 33 *The Dark Universe 2*, Bonn
- 10/2007 Conference: DFG Priority Programme 2, Bad Honnef
- 12/2007 Winter School: *Cosmology and Dark Energy*, Passo del Tonale, Italy
- 04/2008 Workshop *CosmoTools*, Marseille
- 10/2008 Dark Energy Conference, Munich
- 10/2009 CCAPP Symposium on Fundamental Physics, Columbus

PERSONAL INTERESTS:

Judo, Soccer, Chess, Traveling, Movies/Cinema

REFERENCES:

- Peter Schneider** email: peter@astro.uni-bonn.de
Argelander-Institut für Astronomie, University Bonn
- Yannick Mellier** email: mellier@iap.fr
Institut d'Astrophysique de Paris
- Eduardo Ros** email: ros@mpifr-bonn.mpg.de
Max Planck Institute for Radio Astronomy, Bonn