Biographical Sketch — Klaus Bartschat

Personal Data

Name:	Klaus Bartschat	phone:	+515-271-3750
Institution:	Drake University	fax:	+1-515-271-1943
Department:	Physics & Astronomy	e-mail:	klaus.bartschat@drake.edu
Address:	Des Moines, Iowa 50311, USA	web:	http://bartschat.wp.drake.edu

Education

Habilitation (*"venia legendi"*), Physics (1989), University of Münster (Germany)
Ph.D. (Dr. rer. nat.), Physics (1984), University of Münster (Germany)
Diploma, Physics, "with highest honors" (1981), University of Münster (Germany)

Professional Experience

Present Position: Ellis & Nelle Levitt Distinguished Professor of Physics, Drake University

Previous Positions:

Professor, Drake University, September 1994−August 2000
Associate Professor, Drake University, September 1991−August 1994
Assistant Professor, Drake University, September 1988−August 1991
Visiting Assistant Professor, Drake University, January 1987−May 1987
Research Associate, University of Münster, 1986−1988
Research Associate, The Queen's University of Belfast, 1985
Research Assistant, University of Münster, 1982−1984

Professional Activities

Research fields: electron and positron scattering from atoms and ions, heavy-particle collisions
photoionization, including strong-field processes in atoms and molecules
general scattering theory, computational methods

Publications: 3 books and 51 further book contributions
15 invited review articles; 2 major technical reports
357 refereed papers in professional journals (+2 submitted)
67 invited talks at national and international conferences
110 colloquia, seminars, and guest lectures
several hundred contributed papers at professional meetings
h-index (Google Scholar, Nov. 17, 2017): **47**; citations: **8268**

Grant Support: United States National Science Foundation (≈ $180,000 per year)
Extreme Science and Engineering Discovery Environment (8,000,000 service units)

Extended Visits: The Queen's University of Belfast (UK), University of Münster (Germany),
York University Toronto (Canada), JILA (University of Colorado, Boulder),
Flinders University (Adelaide, Australia), Murdoch University (Perth, Australia),
Curtin University (Perth, Australia)

Journal Review: Journal of Physics B, Physics Letters A, Physical Review A,
Physical Review Letters, Zeitschrift für Physik D, Hyperfine Interactions
Australian Journal of Physics, Canadian Journal of Physics, European Physics Letters

Proposal Review: National Science Foundation (USA), Department of Energy (USA),
Australian Research Council, Alexander-von-Humboldt Foundation (Germany),
National Science and Engineering Research Council of Canada

Leadership: Past Member, General and Executive Committee of ICPEAC (1991−1995, 1999−2001)
Past Chair, Theoretical Atomic, Molecular, and Optical Community (TAMOC, 1998−2000)
Past Member, General and Executive Committee of GEC (2000−2002)
Past International Secretary of ICPEAC (2001−2007)
Past Treasurer of GEC (2006−2010)
Past Member, NSF Task Force on Grand Challenge Communities (2009−2010)
Current Secretary of GEC (2014−2015); organizer of GEC/ICRP conference (2015)
Current Executive Committee member of ICPEAC (2015−2017)
Editorial Board: Computer Physics Communications; European Physical Journal D

Honors: Visiting Fellow, University of Colorado and JILA (Sept. 1992−June 1993)
Centennial Scholar (College of Arts & Sciences, Drake University, 1993−1994)
Fellow of the American Physical Society (elected 1998)
Currently listed in *Who's Who in America* and *Who's Who in the World*
Visiting Fellow, Harvard Smithsonian Center for Astrophysics (June 2002−Dec. 2002)
Outstanding Referee, Journals of the American Physical Society (since 2008)
Troyer Research Fellow (Drake University, 2011−2012)
Foundation Speaker, Gaseous Electronics Conference, 2012
Will Allis Prize, American Physical Society, 2016