

**EDUCATION:**

March 1980, Vordiplom, Universität Heidelberg

July 1984, Diplom (Physics), Thesis: "K to K Charge Transfer in Collisions of Bare S Ions with Ar", Advisor: Prof. Dr. R. Schuch, Universität Heidelberg

October 1987, Ph.D. (Physics), Thesis: "Capture with Simultaneous Excitation Studied by Two Photon Coincidences for  $S^{15+} \rightarrow H_2$  Collisions", Advisor: Prof. Dr. R. Schuch, Universität Heidelberg

**ACADEMIC  
EXPERIENCE:**

Nov. 1984 - Dec. 1987, Teaching Assistant,  
Physikalisches Institut of the Universität Heidelberg

Jan. 1988 - Oct. 1989, Research Associate,  
Oak Ridge National Laboratory, Oak Ridge, TN

Oct. 1989 - Aug. 1990, Research Associate,  
Physics Department, Kansas State University, Manhattan, KS

Aug. 1990 – August 1996, Assistant Professor, Department of Physics,  
University of Missouri-Rolla, Rolla, MO

Sep. 1996 – Aug. 2002, Associate Professor, Department of Physics,  
University of Missouri-Rolla, Rolla, MO

Sep. 2002 – present, Professor, Department of Physics,  
Missouri University of Science & Technology, Rolla, MO

Aug. 2003 – present, Director of Laboratory for Atomic, Molecular,  
and Optical Research (LAMOR) at Missouri University of Science &  
Technology, Rolla, MO

Jan. 2006 – present, Curators' Professor of Physics, Department of  
Physics, Missouri University of Science & Technology, Rolla, MO

**GUEST POSITIONS:**

Feb. 22 - May 22, 1987, Guest Scientist, Oak Ridge National  
Laboratory, Atomic Physics Group (Prof. S. Datz, Head)

Nov. 19 - Dec. 20, 1987, Guest Scientist, Physics Department  
Pontificius Universidade Catolica, Rio de Janeiro, Brazil

May 28 - June 27, 1996, Guest Scientist, Gesellschaft für  
Schwerionenforschung, Darmstadt

July 1, 1998 – July 15, 1999, Visiting Professor, Universität Freiburg

June 1, 2004 – July 15, 2005, Visiting Professor, Max-Planck Institut  
für Kernphysik Heidelberg

June 1, 2011 – August 15, 2012, Visiting Professor, Max-Planck Institut für Kernphysik Heidelberg

November 15, 2011 – August 15, 2012, Visiting Professor, Universität Frankfurt

**PROFESSIONAL AFFILIATIONS:**

American Physical Society (Fellow)

**HONORS AND AWARDS:**

University of Missouri-Rolla Faculty Excellence Award, 1993-94  
Top 10% teaching commendation, 1994-95

University of Missouri-Rolla Faculty Excellence Award, 2001-02  
University of Missouri-Rolla Faculty Excellence Award, 2002-03

Deutsche Forschungs-Gemeinschaft Mercator Award, 2003

University of Missouri-Rolla Faculty Excellence Award, 2003-04  
Who's Who Among Executives and Professionals and 2004/2005  
"Honors Edition"

University of Missouri-Rolla Faculty Excellence Award, 2004-05  
(not eligible after 2005 because of appointment to Curators' Professor)

Fellow of the American Physical Society, since 2004

Fulbright Scholarship, 2011

Extreme Matter Institute (EMMI) Visiting Professor (declined in favor of Mercator Award), 2011

Deutsche Forschungs-Gemeinschaft Mercator Award, 2011

APS Outstanding Referee Award, 2013

Featured author in Journal of Physics +, August 14, 2015

Chinese Academy of Sciences President's International Fellowship for Visiting Scientists (2016)

**RESEARCH ACTIVITIES:**

104 Invited talks at national and international meetings

43 Invited seminar talks

1 Book

160 publications (131 in refereed journals, 8 invited review articles/book chapters, 18 in conference proceedings, 1 manuscript(s) accepted for publication in or submitted to refereed journal, 1 review article/book chapter submitted, 1 book review)

206 contributions at meetings