

Stephan Link

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Academic Positions

Associate Professor of Chemistry (July 2013, - present)

Assistant Professor of Chemistry (July 2006, - June 2013)

Department of Chemistry, Rice University, Houston, Texas

Department of Electrical and Computer Engineering (July 2008 – present)

Member Rice Quantum Institute, RQI

Member Institute of Biosciences and Bioengineering, IBB

Member Laboratory for Nanophotonics, LANP

Member Center for Biological and Environmental Nanotechnology, CBEN

Member Smalley Institute for Nanoscale Science and Technology

Postdoctoral Research Associate (July 2003 – June 2006)

University of Texas at Austin

Department of Chemistry and Biochemistry

Center for Nano- and Molecular Science and Technology, Austin, Texas

Supervisor: Paul F. Barbara

Research Scientist II (July 2001 – June 2003)

Assistant Director, Laser Dynamics Laboratory

Georgia Institute of Technology, Atlanta, Georgia

Supervisors: Prof. M. A. El-Sayed, Prof. R. Trebino (physics, Georgia Tech)

Postdoctoral Research Associate (January – July 2001)

Georgia Institute of Technology, Laser Dynamics Laboratory, School of Chemistry and Biochemistry, Atlanta, Georgia

Supervisor: Prof. M. A. El-Sayed

Education

Ph.D. in Physical Chemistry (December 2000)

Minor in Physics/Materials Science

Georgia Institute of Technology, Laser Dynamics Laboratory, School of Chemistry and Biochemistry, Atlanta, Georgia

Ph.D. thesis entitled “Spectral Properties and Relaxation Dynamics of Surface Plasmon Electronic Oscillations in Gold and Silver Nanodots and Nanorods”.

Supervisor: Prof. M. A. El-Sayed

Diplom (Masters) in Chemistry (July 1996)

Technical University of Braunschweig, Braunschweig, Germany

Diplom thesis in physical chemistry on “Photophysical Investigations of Mono-, Di-, and Tetra-Arylnaphthalenes by Steady-State and Time-Resolved Absorption and Fluorescence Spectroscopy”.

Supervisor: Prof. H.-G. Löhmannsröben and Prof. W. Grahn

Research Interests

- Plasmonics
- Nanophotonics
- Single molecule and particle spectroscopy
- Anisotropic solvation of nano-materials in liquid crystalline solvents
- Diffusion of nano-materials in complex media
- Development of new imaging tools
- Imaging molecular machines

Awards

- NANOSMAT Outstanding Young Scientist Award, 2014
- MAINZ Visiting Professorship, 2014
- NSF CAREER Award, 2010
- Graduate Student Association Faculty Teaching/Mentoring Award, Rice U., 2008
- John L. Margrave Memorial Innovation and Excellence Award, Rice U., 2008 and 2009
- 3M Nontenured Faculty Award, 2008
- ORAU Ralph E. Powe Junior Faculty Enhancement Award, 2008
- 2001 IUPAC Prize for Young Chemists (given to the top five dissertations worldwide)
- Molecular Design Institute (MDI) fellowship 1998-2000, Georgia Tech
- First place in the Ashby-House-Flashka Student Award contest, Georgia Tech 1999 and 2000
- Georgia Tech - Motorola SPS fellowship, 1998
- Kekule PhD fellowship of the German Chemical Industry, 1997-1999