

RESUME

Denise Maria Krol

EMPLOYMENT

Professor, Utrecht University, the Netherlands (50% appointment)	2010–2012
Professor, Department of Applied Science, UC Davis, CA	1995–present
Physicist, Lawrence Livermore National Laboratory, Livermore, CA,	1995–2004
Visiting Professor, Chemistry Department, Stanford University, Stanford, CA	1994–1995
Member of Technical Staff, AT&T Bell Laboratories, Murray Hill, NJ	1986–1994
Visiting scientist, AT&T Bell Laboratories, Murray Hill, NJ	1984–1985
Research Scientist, Philips Research Laboratories, Eindhoven, the Netherlands	1980–1986

EDUCATION

Ph. D., Mathematics and Physical Sciences, Utrecht University, the Netherlands, Thesis: "Luminescence and energy transfer in hexavalent uranium compounds"	1980
M. Sc., Chemistry, Utrecht University, the Netherlands, Specialization: Solid State Chemistry and Theoretical Physics	1976
B. Sc., Chemistry, Utrecht University, the Netherlands,	1975

SERVICE

Member, US Board of Advisors, NSF International Materials Institute: New Functionality in Glasses	2004–present
Member, Program Committee, SPIE Photonics West	2004–present
Member, MentorNet, (E-Mentoring Network for Women in Science and Engineering)	2001–present
Member, Program Committee, International Conference on Bragg Gratings, Photosensitivity and Poling in Glass Waveguides, Optical Society of America	1997–present
Member, Program Committee, Second Conference on Advances in Optical Materials, San Jose, CA	2008–2009
Member, NSF Panel on Materials World Network	2008
Member, Fellows and Honorary Members Committee, Optical Society of America	2007–2008
Member, Program Committee, First Conference on Advances in Optical Materials, Tucson, AZ	2004–2005
Member, Advisory Committee, First International Workshop on Glass and Photonics Revolution, Bad Soden, Germany	2001–2002
Chair, Glass and Optical Materials Division, American Ceramic Society	2000–2001

Chair-Elect, Glass and Optical Materials Division, American Ceramic Society	1999–2000
Member, Program Committee, SPIE Photonics West, Santa Clara	2000
Member, Organizing Committee, XVIII International Congress on Glass	1998
Program Chair, Annual Meeting, Glass and Optical Materials Division, American Ceramic Society	1996
Program Chair, Fall Meeting, Glass and Optical Materials Division, American Ceramic Society	1994

AWARDS AND HONORS

Fellow, Optical Society of America	2005
Norbert J. Kreidl Award, Glass and Optical Materials Division of the American Ceramic Society (with J. Chan, T. Huser and S. Risbud),	2002
Fellow, American Ceramic Society	1995
NSF–VPW (Visiting Professorships for Women) Award	1994
Vittorio Gottardi Award, International Committee on Glass	1991

PUBLICATIONS

>115 journal papers, 5 patents

PROFESSIONAL MEMBERSHIPS

American Ceramic Society
 American Physical Society
 Materials Research Society
 Optical Society of America