

Awards, Honors, and Activities of Gert D. Billing

Curriculum Vitae

Cand. Scient. (M. Sc.) 1970 *Theoretical Chemistry and Non-equilibrium Kinetics*, University of Copenhagen
Lic. Scient. (Ph.D.) 1973 Dissertation: *The Semi-classical Method in Inelastic Scattering Theory*, University of Copenhagen
Dr. Scient. 1978 *Introduction to the Theory of Inelastic Collisions in Chemical Kinetics*, University of Copenhagen
1970–1975 Teacher (assistant professor) in mathematics, thermodynamics, statistical mechanics, and quantum chemistry, Chemistry Laboratory III, H. C. Ørsted Institute, University of Copenhagen
1975–1988 Lecturer (associate professor) in thermodynamics and organic chemistry at Medicinsk-Kemisk Institut, University of Copenhagen
1988–1989 Lecturer (associate professor) in theoretical chemistry at Department of Chemistry, H. C. Ørsted Institute, University of Copenhagen
1989–1994 Research Professor at Department of Chemistry, H. C. Ørsted Institute, University of Copenhagen
1994–2002 Professor of theoretical chemistry at Department of Chemistry, H. C. Ørsted Institute, University of Copenhagen
1994–1999 Director of SNF-Center for Molecular Dynamics and Laser-Chemistry

Awards

1996 Samuel Friedman “Rescue Award”, Denmark
2000 NKT Research Award, Denmark

Honors

1989– Member of The Royal Danish Academy of Sciences and Letters
1982– Member of The Danish Natural Science Academy

Invited Professorships

University of Bari, Italy
Department of Chemistry 1982 (lectures on gas-phase molecular dynamics)
Department of Physics 1986 (10 lectures on Gas-metal interaction)
University of Paris-Sud, Orsay, France
Laboratoire de Photophysique Moleculaire (1988)
Laboratoire De Chimie Theorique (1991) (lectures on energy transfer and chemical reaction dynamics)
Laboratoire des Collision Atomique et Moleculaires (1992) (lectures on the dynamics of molecule–surface interaction and chemical reaction dynamics)
University of Besancon, France (1983, 1985, 1993, and 2002)

Visiting Professorships

McGill University, Montreal, Canada
Brookhaven National Laboratories, Upton, New York
Oxford and Cambridge Universities, U.K.
Max Planck Institut für Strömungsforschung, Göttingen, Germany
Department of Chemistry University of Perugia, Italy
Max Planck Institut für Physik und Astrophysik, University of München, Germany
California Institute of Technology, Pasadena, California

Other Activities

Referee for *Journal of Chemical Physics*, *Theoretica Chimica Acta*, *Chemical Physics Letters*, *Physical Chemistry Chemical Physics (PCCP)*, *Molecular Physics*, *Physica A*, *Physical Review Letters*, *Surface Science*, *Computer Physics Communications*, *Mathematical Reviews*
Member of the editorial board for *Chemical Physics* 1992–2002
Member of the editorial board for *Chemical Physics Letters* 1997–2002
Member of the editorial board for *Physical Chemistry Chemical Physics (PCCP)* 2001–2002
Member of the editorial board of *Chemical Society Reviews* published by the Royal Society of Chemistry, Cambridge U.K. 2000–2002
Member of the European Cooperation in the Field of Scientific and Technical Research–COST D3 chemistry steering committee on “Theory and Modelling of Chemical Systems and Processes”
Organizer of Ph.D. Summer Schools: 4th Topsøe Summer School, Copenhagen 1990, sponsored by the Danish Research Academy at Fuglesøcenteret 1995 and Norfa-Summer School on “Molecular dynamics and chemical kinetics” at Hotel Gentofte, August 1997, August 1999, and August 2001
Chairman of the Molec XI meeting, September 1–6, 1996
Member of the European Physical Society and the Danish Chemical Society
Member of Board of the Chemical Physics Section under the European Physical Society, 1995
Member of the board of DCSC (Danish Center for Scientific Computing), 2001