

R É S U M É

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(Physical & Colloid Chemistry)

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CURRENT RESEARCH AREAS

Dynamics of self-organized systems at and far from equilibrium. *Dynamics of fast colloidal processes* (transient electro-optics, electroporation of vesicles, quantum dots, phase transition in microemulsions, formation of and solubilization by reverse micelles, adsorption-desorption at interfaces); theory, methods and application of *relaxation spectroscopy* (using electric field-jump, solvent-jump, pressure-jump, and laser-induced electric birefringence methods); *chemical instabilities and bifurcations* (oscillating reactions, chaotic systems); *effects of dimensionality on reaction rates*.

PERSONAL DATA

Born: in Budapest, Hungary
Naturalized U.S. citizen
Other languages: fluent in German, Hungarian; read: French, Russian

EDUCATION

High-schools in Budapest and Innsbruck (Diploma in 1958)
B.S. (1962) and D.Sc. (1967), at Vienna University of Technology, Austria

Postdoctoral Fellowships

1968, Laboratory of Surface Studies, University of Wisconsin-Milwaukee
1969-1970, University of Utah (with E. M. Eyring)

RECOGNITION AND HONORS

Chair/Organizer: Symposium on *Colloidal and Molecular Electro-Optics* (ELOPTO-2003), Division of Colloid & Surface Chemistry, 225th ACS National Meeting, New Orleans, LA, March 23-27, 2003 (<http://www.uta.edu/elopto-2003>).

1986 Wilfred T. Doherty Award of the American Chemical Society, Dallas-Ft. Worth Sec.

Editorial Boards: *Advances in Molecular Relaxation and Interaction Processes* (1980-1983); *Journal of Molecular Liquids* (1983-present, Guest Editor 1995-96); *Acta Chimica Hungarica* (1992-2001); *Journal of Surface Science and Technology* (1996-99).

Award for Distinguished Research, The University of Texas at Arlington (1982)

RECOGNITION AND HONORS (continued)

Vice-Chair, International Advisory Board of the ELOPTO Conference Series (2003-2009)

Discussion Leader: U.S.-France-Hungary NSF Workshop on Environmental Chem. (1993); U.S.-Brazil NSF Workshop on Organized Assemblies (1990); Gordon Conference on Micellar and Macromolecular Catalysis (1987)

Session Chair: 175th ACS National Meeting, Anaheim (1978); 185th ACS National Meeting, Seattle (1983); 5th International Conference on Surface and Colloid Science, Potsdam (1985); International Chemical Congress of Pacific Basin Societies, Honolulu (1995); 28th ACS Meeting-in-Miniature, Arlington (1995); Amphiphiles at Interfaces - From Structure Control to Properties (AI-SCP'99), Beijing (1999); 9th International Symposium on Colloidal and Molecular Electro-Optics, Pamporovo, Bulgaria (2000); ELOPTO-2006, Uji-City, Kyoto, Japan (2006).

M. G. Michael Award for Research, University of Georgia (1975)

Alexander von Humboldt Lecturer Fellowship at the Max-Planck-Institute for Biophysical Chemistry in Göttingen, Germany (1974), with M. Eigen (Nobel Laureate) and L. De Maeyer

Austrian Chemical Society Fellowship (1965-1967)

POSITIONS HELD

Professor (1982-), Acting Chairman (1990-91), Associate Chair (Summer 2006) of Chemistry and Biochemistry, and Director (1987-present) of the Center for Colloidal and Interfacial Dynamics, University of Texas at Arlington

Visiting Professor, Technical University of Budapest, Hungary (1999)

Visiting Professor, National Defense Academy, Yokosuka, Japan (1991)

Associate Professor, University of Texas at Arlington (1977-1982)

Alexander von Humboldt Lecturer Fellow, Max-Planck-Institute for Biophysical Chemistry, Göttingen, Germany (1974)

Assistant Professor, University of Georgia (1970-1976)

Postdoctoral Research Associate, University of Utah (1969-1970)

Postdoctoral Research Associate, University of Wisconsin-Milwaukee (1968)

Research Chemist, Chemie Linz AG, Austria (1967)

MEMBERSHIPS

American Chemical Society
American Physical Society
Sigma Xi

The Royal Society of Chemistry (UK)
Austrian Chemical Society