

Congratulations



**PROF. FRANK E. KARASZ
CELEBRATES HIS 70'S BIRTHDAY**

Education

1951–1954 B.Sc. (Honours) in Physical Chemistry, Imperial College, University of London
1954–1957 Ph.D. in Physical Chemistry, University of Washington, Seattle. Thesis: Solubility of Helium and Neon in Liquid Argon and Statistical Mechanical Analysis of Results. Shell Fellow.
1972 D.Sc., University of London

Employment

1961–1967 Research Chemist in Physical Polymer Branch, General Electric Research Laboratory, Schenectady, New York. Conducted research in thermodynamic, transport, and other properties of synthetic polymers.
Consultant in polymer physics and physical chemistry to a number of General Electric departments.
1967–1970 Associate Professor of Polymer Science and Engineering, University of Mass., Amherst
1971–1985 Professor of Polymer Science and Engineering, University of Mass., Amherst, (tenured).
1973–1985 Co-Director, Materials Research Laboratory, University of Massachusetts
1979 Acting Chairman, Department of Polymer Science and Engineering
1986–1992 Distinguished University Professor of Polymer Science and Engineering
1986– Director, Center for Advanced Structural and Electronic Polymers
1992–Silvio O. Conte Distinguished Professor of Polymer Science and Engineering

Research Projects

His research activities are concentrated in a number of areas in polymer physics and chemistry.

(a) Polymer-polymer interactions in binary amorphous and amorphous-crystalline blend systems: effects of copolymerization and microstructure (b) NMR studies of polymer solid state, especially blends (c) Computer simulations of polymer-polymer miscibility (d) Quasi-elastic light scattering from macromolecular solutions (e) Electronic and optical properties of conducting polymers.

In 1986 he was appointed Director of the new Center for Advanced Structural and Electronic Polymers, which has a number of programs in electrical and optical polymers and in high temperature blends.

Publications: 520 scientific papers + 5 International Patents

Selected Professional Activities

Member, Executive Committee, Division of High Polymer Physics, American Physical Society, 1978–81; Vice-Chairman, 1979; Chairman, 1980

Editorial Boards: Polymer Science and Technology Series; Polymer International; European Polymer Journal; Turkish Journal of Chemistry; Innovations in Materials Research; Mediterranean Magazine

Editor-in-Chief, New Polymeric Materials, 1985–2002

Lecturer: Lezioni Lincei 1988 organized by the Accademia Nazionale dei Lincei, Rome

Member, National Academy of Engineering, 1991–

Member, NRC Post-doctoral Fellow Selection Committee

Adjunct Professor, Materials Science & Engineering Department, University of Florida, 1993–

President, Scientific Council, IRTEMP, Naples, 1995–2002

Member, Advisory Board, Polymer Processing and Properties Center, University of Florida, 1996–

Member, Visiting Advisory Board, Materials Science and Engineering Department, University of Florida, 1997–

Corresponding Member, Croatian Academy of Sciences and Arts, 1997–

Foreign Fellow, Indian National Academy of Engineering, 1999 –

Member, NRC Committee of Materials Research for Defense-After-Next, 1999–2003

Member, USRA Microgravity Science and Applications Science Council, 1999–

Member, Serbian Academy of Sciences and Arts, 2000–

Member, NRC National Materials Advisory Board, 2001–

Memberships: American Chemical Society; American Physical Society (Fellow)

American Association for the Advancement of Science (Fellow); NATAS (Fellow)

Sigma Xi; Materials Research Society; Cosmos Club

Awards: Education Service Award (Plastics Institute of America), 1972; Mettler Award in

Thermal Analysis, 1975; Faculty Fellowship, University of Massachusetts, 1983; High Poly-

mer Physics Prize (Ford Prize), American Physical Society, 1984; SPE 1985 Research

Award; 25th Anniversary Commemorative Medal, INA (Yugoslavia), 1989; D.R. Ulrich

Ultrastructure Award, University of Florida, 1991; University of Ferrara 600th Year Com-

memorative Medal, 1991; F.P. Price Memorial Lecturer, University of Mass., 1996; Chevalier

(Knight) of the Order of St. John (Knights of Malta), 1997; 30th Anniversary IRTEMP

Commemorative Medal, Consiglio Nazionale delle Ricerche (Italy), 1999; SEAM Award,

Polytechnic University, 2000; Herman F. Mark Medal of the Austrian Institute for Chemical

Research, 2002

*Many happy returns of this day**

* Completion of the *Greeting* published in *J. Therm. Anal. Cal.*, 76 (2004) 351. We apologise for the technical mistake (Editor).