

Address :

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Academic education and career

- 1970 – 1973: B.A. (1st Class Honours), in Physics, at the Cavendish Laboratory, Cambridge University
- 1974 – 1977: Ph.D. degree in the Cavendish Laboratory: "Diffusion of Long Molecules Through Bulk Polymers". (Supervisor: David Tabor).
- 1976 – 1984: Research Fellow (1976-7) and Fellow in Physics of St.Catharine's College Cambridge.
- 1977 Awarded M.A., Ph.D degrees by Cambridge University.
- 1977 – 1980: Post-doctoral Fellow, Department of Polymer Research, Weizmann Institute of Science, Rehovot, Israel
- 1980 – 1984: University Demonstrator, Department of Physics, University of Cambridge
- 1980 - 1984 Senior Scientist, Weizmann Institute of Science.
- 1984 - 1987 Associate Professor, Weizmann Institute of Science.
- 1986 - present Herman Mark Professor of Polymer Physics, Weizmann Institute of Science (Full Professor since 7/1987).
- 1989 -1991 Head, Polymer Research Department, Weizmann Institute of Science.
- 1999 – 2000 Chairman of Scientific Council, Weizmann Institute
- 2000 - 2007 Dr. Lee's Professor of Chemistry, University of Oxford
- 2000 – 2005 Head of Department, Physical and Theoretical Chemistry Department, University of Oxford

Visiting Positions

- 1990 Visiting Professor, University of California at Santa Barbara
- 1991 Visiting Professor, Princeton University
- 1994 Royal Society Exchange Professor, Oxford University
- 1996 Visiting Professor, Ecole Polytechnique Federal – Lausanne
- 2004 Paris Sciences Professor, Ecole Supérieure de Physique et Chimie Industrielle, Paris
- 2008 Frank & Robert Laughlin Professor, Cornell University
- 2010-19 Visiting Professor, Tsinghua University, Beijing

Journals (year of appointment)

- 1988: Editorial Board, 'Macromolecules';
- 1992: Editorial Board, 'Acta Polymerica' (Guest editor special issue 'Polymer Science in Israel')
- 1992: Editorial Board, 'Journal of Macromolecular Science' – Polymer Reviews.
- 1995: Editorial Board, Israel Journal of Chemistry; (Guest editor special issue 'Polymers at surfaces')
- 1993: Editorial Board, J. Polymer Science: Physics
- 2000: Editorial Board, Macromolecular Chemistry and Physics, and Macromolecular Rapid Communications
- 2001: Editorial Board Liquids and Soft Matter Board, J. Physics: Condensed Matter;
- 2004: Editorial Board, ChemPhysChem
- 2013: Editorial Board, Friction

Honours and named lectures

- 1983: Somach Sachs Prize, Weizmann Institute of Science.
1984: Charles Vernon Boys Prize, British Institute of Physics,
1987: Dudley Wright Award in Membrane Research
1994: International Kao Fellow, Japan
1995: High Polymer Physics Prize, American Physical Society
1998: Ford Annual Science Lecture (Ford Motor Company, Michigan)
2000: Whitby Lectures (Akron Univ., Ohio)
2001: Fellow, Royal Society of Chemistry
2002: Inaugural John D. Ferry Lectures (Univ. of Wisconsin)
2003: Fellow, American Physical Society
2004: Paris Sciences Medal, City of Paris
2004: Annual Award Lecture of the Japanese Chemical Society
2004: Fellow, Institute of Physics, UK
2004: Paris Science Lectures, Ecole Supérieure de Physique et Chimie Industrielle, Paris
2007: Kolthof Prize, Technion Israel Institute of Science
2008: The Laughlin Lectures, Cornell University
2010: ERC Advanced Grant Award (2010-2015)
2010: Israel Chemical Society Prize for Excellence
2011: Honorary Membership, Israel Polymers & Plastics Society
2011: Royal Society of Chemistry (UK) Soft Matter and Biophysics Prize and Medal
2012: Tribology Gold Medal of the International Tribology Trust
2013: Elected to Academia Europaea
2015: David Turnbull Lectureship Award, Materials Research Society

Research: Some 250 research papers to date (including over 20 in *Science* and *Nature*), cited ca. 13,000 times. h-factor: 55 (ISI), 61 (Google Scholar)

Mentoring: Some 70 graduate and post-doctoral students to date, of whom 26 currently in tenured academic appointments

Selected past and present academic administration and consultancies:

Dutch Academy of Sciences large grants review panel
German Science Foundation review panel for several Schwerpunktprogramms
Senior Jury of Institut Universitaire Française
Science Foundation Ireland major grants review panel
Max Planck Society advisory committee on establishing new MPIs.
Selection panel for Coulson Chair of Theoretical Chemistry, Oxford
Chair of Weizmann Institute Central Academic Appointments Committee
Member of Weizmann Institute Tenure and Professorial Appointments committee
Chairman of Scientific Council, Weizmann Institute
Member, Weizmann Institute Presidents Council
Vice-Director, Academic Committee of State Key Laboratory of Tribology, Tsinghua University, Beijing.