

YESHAYAHU (Ishi) TALMON

Dept. of Chemical Engineering, Technion-Israel Inst. of Technology, Haifa 32000, Israel

Education

University of Minnesota	Chemical Engineering	Ph.D. 1979
Technion	Chemical Engineering	M.Sc. 1975
Technion	Chemical Engineering	B.Sc. (summa cum laude) 1969

Professional Experience (major appointments only)

2010 - 2012	Director, The Technion Russell Berrie Nanotechnology Institute (RBNI)
2000 - 2005	Chairman, Department of Chemical Engineering, Technion
1991- present	Professor, Department of Chemical Engineering, Technion
1985-1991	Associate Professor, Department of Chemical Engineering, Technion
1982-1985	Senior Lecturer, Department of Chemical Engineering, Technion
1979-1982	Lecturer, Department of Chemical Engineering, Technion

Research Interests

Complex liquids. Nanoparticle systems. Electron microscopy of nanostructured liquid systems and biological systems. Cryo-electron microscopy: theory and development. Applications of electron microscopy in chemical engineering, biophysics, medicine, food and drug technology, and polymer science.

Honors and Awards

1975	Fulbright Travel Fellowship
1978	Electron Microscopy Society of America Presidential Scholarship
1985	The Henry Gutwirth Fund for Promotion of Research Award
1989	The [Technion] New England Academic Award
1993	The Ernst Ruska Award of the German Society for Electron Microscopy
1997	The George T. Piercy Distinguished Visiting Professor Chair, Department of Chemical Engineering and Materials Science, University of Minnesota.
2001-	The Wolfson Chair in Chemical Engineering, Technion
2003	The Meitner-von Humboldt Research Award
2005	The Henry Taub Prize for Excellence in Research
2006	The Japan Research Institute of Material Technology Lectureship Award
2010	South Texas Section AIChE's 2009 Best Applied Paper Award
2011	Honorary Fellow, The Israel Institute of Chemical Engineers
2014	South Texas Section AIChE's 2013 Best Applied Paper Award
2015	University of Alberta D.B. Robinson Distinguished Speaker
2015	Doctor of Science <i>honoris causa</i> , The Faculty of Science, University of Lund, Sweden

Publications & students

Author of over 270 refereed full papers and book chapters, cited about 14,800 times in the scientific literature, h index = 62 (Google Scholar). 57 graduate students and post-docs supervised.

Synergistic Activities

Member of the Israel national "Committee for Planning and Budgeting" ("VATAT") of higher education, since 2013; Member of the Board, United States-Israel Educational Foundation, since 2013; Member of the Council and Member of the Academic Board, Israel Science Foundation; Director, the Technion Russell Berrie Nanotechnology Institute (RBNI), the Technion's largest interdisciplinary project 2010-2. Member of the Board, The Technion Research and development Foundation (TRDF) 2008-13, and Member of the Board, The Samuel Neaman Institute 2008-14. Department Chairman 2000-2005; helped form a new undergraduate degree program in Biochemical Engineering; founder and Head 1997-2005, Technion Project on Complex Fluids, Microstructure and Macromolecules; helped build the laboratories for Advanced EM of Soft Materials and for Small-Angle X-Ray Scattering; member of the Editorial Board, Current Contents in Colloid and Interface Science 1995-2014; past chairman of the Israel Microscopy Society; past member of the board, Israel Institute of Chemical Engineers; past member of the board, FIRST (Bikura) program of the Israel Science Foundation; member of the International Scientific Advisory Committee (ISAC), Russell Berrie Nanotechnology Institute (RBNI), 2006-2009.