



יום עיון לכבוד חתן פרס וולף בכימיה לשנת 2005

**One-day Symposium in Honor of the
2005 Chemistry Wolf Prize Laureate**



Prof. Richard N. Zare

Department of Chemistry, Stanford University, Stanford, California, USA

**Technion - Israel Institute of Technology
Department of Chemistry**



Scientific Program

24 מאי 2005

24 May, 2005

9:30 - 10:15	Prof. Y. Apeloig, Prof. S. Speiser, Prof. E. Keinan	Opening and congratulations
10:15 - 10:30	Prof. R.D. Levine, Prof. I. Schechter	About Prof. Zare's scientific achievements
10:30 - 11:00	Prof. I. Willner	Harnessing nanotechnology for biological systems
11:00 - 11:15		<i>Coffee break</i>
11:15 - 11:45	Prof. E. Grushka	The use of dynamically coated stationary phases in HPLC
11:45 - 12:15	Prof. A. Lewis	Second harmonic generation: A sensitive method for optically measuring membrane potential in complex living systems
12:30 - 14:00		<i>Lunch</i>
14:00 - 14:30	Prof. F. Stoddart	Nano meccano in action
14:30 - 15:00	Prof. I. Oref	Collisional energy transfer between polyatomic molecules
15:00 - 15:30	Prof. M. Shapiro	Quantum control - new perspectives
15:30 - 15:45		<i>Coffee break</i>
15:45 - 16:15	Prof. S. Cheskis	Laser absorption spectroscopy for combustion diagnostics
16:15 - 16:45	Prof. R. Naaman	Angular momentum and surprising electronic properties of organized organic monolayers
16:45	Prof. R. N. Zare	Adventures in chemical analysis

