

## **Summary Vitae of Dr. GERSHON GROSSMAN**

### **CURRENT POSITION:**

Professor Emeritus of Mechanical Engineering, Technion - Israel Institute of Technology, Haifa 32000, ISRAEL

### **EDUCATION:**

B.Sc. ME, Technion-Israel Institute of Technology, 1964

M.Sc. ME, Technion-Israel Institute of Technology, 1967

Sc.D. ME, Massachusetts Institute of Technology (MIT), 1971

### **AREAS OF INTEREST:**

Thermodynamics, heat and mass transfer; Solar energy; Energy conservation; Heating and air conditioning systems; Cryogenic cooling; Absorption/sorption heat pumps

### **SUMMARY OF EXPERIENCE:**

- At the Technion since 1973; Dean of the Faculty of Mechanical Engineering 1997-2001; Head of Energy Engineering Research Center 1975-1977, 2002-2007, 2008-2011; Head of Solar Energy Laboratory 1982-87, 1989-present; Head of the Rechler Cryogenic Cooling Laboratory, 2005-present. Head of Energy Forum, the Samuel Neaman Institute for Advanced Studies in Science and Technology, 2005-present. Various administrative positions at Technion; Member of a number of Technion committees, including Steering, Research and Academic Development Committees.
- Visiting Researcher at the National Institute of Standards and Technology (NIST) Boulder, CO (2005, 2007, 2010), Lawrence Berkeley National Laboratory, Berkeley, CA (2001), the University of California, Irvine (1987-89), Oak Ridge National Laboratory, TN (1983, 1985-87, 1990-95), Technische Universitaet Muenchen, Germany (1984, 1987), Council for Scientific and Industrial Research, South Africa (1978).
- Consultant in energy conservation and solar energy utilization in Israel, USA, several other countries.
- Senior Development Staff Member, Lockheed Martin Energy Systems, Oak Ridge, Tennessee (1995-96); Program Engineer at L'Garde Inc., Tustin, Ca. (1987-89); Research Staff Member, Union Carbide Nuclear Division, Oak Ridge, Tennessee (1980-82); Staff Scientist at AVCO Systems Division, Wilmington, Mass. (1971-73),

### **SIGNIFICANT ACCOMPLISHMENTS AND PUBLICATIONS**

- Sherman - Gilbert Chair in Energy
- Several prizes and awards, including grants from the Fulbright Foundation and the British Royal Society; Georg Alefeld Memorial Award for lifetime contribution to Absorption Heat Pump Technology; Russell B. Scott Memorial Award, Cryogenic Society of America.
- Author of over 150 journal and conference papers, 8 patents and numerous technical reports.
- Author of chapters in six books
- Fellow ASME and ASHRAE, Member ISES, former member of the Board of Directors of the International Solar Energy Society, former Chairman - Israeli Section of ISES.