

**Professor Uri Kirsch**

Abridged Curriculum Vitae

**Date and place of birth:** December 22, 1938, Haifa, Israel.

**Marital Status:** Married + two children.

**Education**

B.Sc. in Civil Engineering, (cum laude) Technion, Haifa	1964
M.Sc. in Civil Engineering, (cum laude) Technion, Haifa	1967
D.Sc. in Technology, Technion, Haifa	1970

**Academic appointments, Technion**

Senior Lecturer	1972
Associate Professor	1978
Professor	1984
Incumbent of the Sigmund Sommer Chair in Structural Engineering	1986

**Academic appointments, abroad (at least one semester)**

Postdoctoral Scholar, <b>Department of Engineering Systems</b> , UCLA	1970 - 1971
Visiting Associate Professor, Department of Civil Engineering, Case Western Reserve University, Cleveland	1975 - 1976
Visiting Professor, <b>Engineering Design Research Center</b> , Carnegie-Mellon University, Pittsburgh	1982
Visiting Professor, <b>Department of Engineering Science</b> , Virginia Tech., Blacksburg	1988 - 1989
Visiting Professor, Department of Civil Engineering, Heriot-Watt University, Edinburgh	1989
Visiting Professor, Department of Civil Engineering, University of Pittsburgh	1995
Visiting Professor, <b>Department of Mechanical Engineering</b> University of Michigan, Ann Arbor	1999 - 2000
Visiting Professor, <b>Department of Applied Mathematics</b> University of Erlangen-Nuremberg	2000
Visiting Scientist, <b>Department of Applied Mathematics</b> Ecole Polytechnique, Paris	2007

**Scholarships and research awards**

**The State - of - the - Art Award**, by The American Society of Civil Engineers.

**Research Award**, by **The Alexander von Humboldt Foundation**, Germany.

**Carnegie Research Fellowship**, by the Carnegie Trust for the Universities of Scotland.

**Fulbright scholarship** for Advanced Research, by US Government.

Research scholarship, by the German Research Foundation (DFG).

**Rothschild scholarship** for postdoctorate Studies.

**Scientific publications**

- 90 reviewed publications in scientific international journals.

- 60 presentations and various invited lectures in scientific international conferences.
- **Four books:**
  - "Optimum Structural Design", McGraw-Hill, New-York, 1981, Maruzen, Tokyo, 1983.
  - "Structural Optimization", Springer-Verlag, Heidelberg, 1993.
  - "Design-Oriented Analysis of Structures", Kluwer, Dordrecht, 2002.
  - "Reanalysis of Structures", Springer, Dordrecht, 2008.
- Chapters in various books.

### **Research activities**

- Member of editorial board, various international journals.
- Member of organizing committee and editorial board, many international conferences.
- Supervisor, 25 graduate students.
- Various research grants.

### **Administrative activities, Technion**

<b>Head, Division of Structural Engineering</b>	1974 - 75, 1986 - 88, 1990 – 91, 2004-5
Vice Dean of Civil Engineering	1978 - 80, 1984 - 85
Member, senate committee for graduate and undergraduate studies	1986 - 88, 1992 - 95
Member, senate committee for promotion and tenure of senior faculty	1993 - 95
<b>In charge</b> of the differential grants	1994 - 95
<b>President</b> of the court for academic discipline of faculty members	1994 - 96
<b>Deputy Senior Vice President</b>	1995 - 96
<b>Chairman</b> , the enrollment action committee	
<b>Senior Vice President of Technion</b>	1997 - 98
<b>Chairman</b> , senate committee for graduate and undergraduate studies	
<b>Chairman</b> , senate committee for promotion and tenure of senior faculty	
<b>Chairman</b> , Technion Budget Committee	
Member, <b>Board of Governors</b>	2001-2004
Member, <b>Council of the Board of Governors</b>	2001-2004
Member, <b>Harvey Prize Committee</b>	
Member, Preparatory <b>Committee for Honorary Degrees</b>	
Member <b>Steering Committee</b> of the Senate	

### **Professional and public activities**

<b>Vice President</b> of the Int. Soc. for Structural and Multidisciplinary Optimization	1995 - 98
Member, <b>Exec. Comm.</b> , Int. Soc. for Structural and Multidisciplinary Optimization	1994 - 98
<b>Director</b> , Azorim Investment, Clal (Israel) Ltd.	1996 - 98
<b>Director</b> , S. Neaman Institute	
<b>Director</b> , Rapaport Institute	
<b>Director</b> , Technion Institute of Management	
Member, <b>Council of Engineering and Architecture</b>	1999-2004
<b>Director, Technion R&amp;D Foundation</b>	2002-2003
Member, <b>Council for Higher Education (MALAG)</b>	2002-2009
Member, <b>Committee for Planning and Budgeting (VATAT)</b>	2003-2009
<b>Vice Chairman, Committee for Planning and Budgeting (VATAT)</b>	2005-2009
Member of various <b>international and national committees</b> .	

**Consultant:** design of special structures (optimal design of various modern bridges, design of complex prestressed systems, optimal design of various structures, etc.).