



הפקולטה לכימיה
Faculty of
Chemistry

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Professor Yehiam Prior
Sherman Professor of Chemical Physics

Curriculum Vitae

Education

- 1971 - B.Sc. Hebrew University, Jerusalem (Physics and Math.)
1977 - Ph.D. University of California, Berkeley, Physics (Advisor: Professor E.L. Hahn)
1977 - 1979 Harvard University, Fellow (Postdoc. with Prof. N. Bloembergen)

Academic Employment

- 2000 - WIS, Professor
1992 - Sherman Professorial Chair in Chemical Physics
1986 - 2000 WIS, Associate Professor
1981 - 1986 WIS, Senior Scientist
1979 - 1981 WIS, Fellow

Visiting Appointments

- 2009 – 2012 **École Normal Supérieure**, Cachan, France (visiting Professor, summers)
1995 **ONERA**, Office National d'Études et de Recherches Aéronautiques,
Paris, France (visiting researcher, 2 months)
1994 **École Normal Supérieure**, Paris, France (visiting Professor, 2 months)
1988-1989 **Bell Communications Research**, New Jersey, USA
(Visiting appointment, 3 months)
1988 **Sandia National Laboratory**, Livermore, Ca. USA (visiting appointment)
1987-1988 **Bell Communications Research**, New Jersey, USA (full sabbatical year)
1980, 1981 **Harvard University**, Division of Applied Science, Cambridge, Ma. USA
(Visiting summer appointments, 3 months)

Membership in professional societies

- Fellow Optical Society of America
Member American Physical Society
Member Israel Chemical Society

Professional Public Service (For details, see page 11)

- 2014 - Associate Editor, OPTICA
2008 - 2011 Optical Society of America Foundation, Board of Directors,
2006 - 2014 Head, Nanotechnology Initiative program, Weizmann Institute
2006 - 2012 Alternative Energy Research Initiative (WIS), Steering Committee
2006 - 2012 Dean, Faculty of Chemistry, WIS
2004 - 2006 Chair of the Scientific Council, WIS
2004 - 2006 Optical Society of America, Board of Directors,
2004 - 2006 Optical Society of America, Chair, International Council

- 1998 - 2002 European Physical Society, Quantum Electronics and Optics Division,
Board of Directors
- 1996 - 2000 Head, Division of Information Systems, WIS
- 1993 – 2001 Yeda (WIS IP commercialization arm) Board of Directors
- 1989 - 1995 Chairman, Department of Chemical Physics, WIS

Industrial Experience

- 2001 - 2004 **Orbotech, Yavne**, Consultant, Microelectronics, Laser Material
Processing of printed circuit boards
- 1998-2000 **ESC, Yokneam**, Consultant, Laser material Processing and Medical
Applications of Lasers
- 1994 – 1998 **SURTECH, Haifa**, Co-founder with others. Startup Company, Friction
Reduction and efficient lubrication by laser surface texturing
- 1990 - 1998 **Orziv, Raanana**, Co-founder (with Dr. Ziv Karni). Laser processing
of diamonds and other material processing applications. The
company attained leadership status recognized by the
international diamond processing community, and sold
hundreds of machines world wide.
- 1988 - 1990 **Bell Communication Research, New Jersey**, Optoelectronics
- 1985 - 1986 **Tecnir, Tel Aviv**, Consultant, High power industrial CO2 lasers
- 1982 - 1985 **Laser Industries, Tel Aviv** Consultant, Medical applications of lasers