Prof. Yosi Shacham ï Diamand - A brief (February 2008)
The Bernard L. Schwartz Chair for Nano-scale Information technologies
Department of Physical electronics, department head
School of electrical Engineering, Faculty of engineering, Vice Dean
Tel Aviv University

D.Sc. 1983, M.Sc. 1978, and B.Sc. (Summa-cum Laude) 1974, all in Technion, Israel. 1983-1986 post-doctoral research at U.C. Berkeley. 1987- 1989 senior lecturer, the Technion, Israel. 1989-1996 assistant professor Cornell university and researcher at the Cornell Nano-Fabrication Facility, 1997-2001 Associate professor at Tel-Aviv University and since 2001 a full professor at the department of Physical Electronics, Tel-Aviv University. He is also a visiting professor at Waseda University, Tokyo, Japan where he works on electrochemically based nano- and Micro-technologies.

His main activity is ULSI interconnects, electroless plating and nano-bio interfacing. He is interested in studying interconnect technologies in the nanometric range for electronic circuits and nano-bio interfacing.

2001-2004 Prof. Shacham was the director of the Tel-Aviv University research institute for nano science and nano-technologies. The institute covers activity in life sciences, medicine, exact sciences and engineering. It has about 80 faculty members and more than 100 graduate students. Currently he is a member of the university patent committee.

Prof. Shacham research is on nano and micro technologies for VLSI and MEMS applications. Previously, 1999-2001, he was the Academic director of the Micro-technologies labs at Tel-Aviv University. 2004-2005 Prof. Shacham spent a Sabbatical year at Waseda University, Tokyo collaborating with the group of Prof. T. Osaka. Prof. Shacham was also in the executive board of the nano2life Network of Excellence, under the 6^{th} framework of the European community, which is promoting activity in the field of nano-bio-micro technologies in Europe.

Prof. Shacham published more than 140 journal papers, more than 200 conference papers in registered proceedings, 4 chapters in books, edited two conference proceedings books, and is the member of the advisory committee of the advanced metallization conference (AMC) and the Materials for Microelectronic (MAM) conference and member in the ISE and ECS.