BIOGRAPHICAL SKETCH

Dov Frohman-Bentchkowsky

DOV FROHMAN was born in Amsterdam, The Netherlands, on March 28, 1939. He received the B.Sc. degree in Electrical Engineering from the Israel Institute of Technology, Haifa, Israel in 1963 and the M.Sc. and Ph.D. degrees in Electrical Engineering and Computer Sciences from the University of California, Berkeley, in 1965 and 1969, respectively. In 1965 he joined Fairchild Semiconductor Research and Development Laboratories, Palo Alto, California, working on the technology development and design of integrated circuits and nonvolatile (MNOS) memory devices. In 1969 he joined Intel Corporation, Mountain View, CA. where he was involved in development and design of semiconductor memories and developed the first EPROM products. He received the outstanding paper award at the 1971 International Solid State Circuits Conference for the paper "A Fully Decoded 2048 Bit Electrically Programmable MOS ROM". In 1972 he spent a year as a visiting Professor at the University of Science and Technology. Kumasi, Ghana. In 1974 he joined the School Of Applied Science and Technology, Hebrew University of Jerusalem, Israel, as Associate Professor of Applied Physics and director of the School Of Applied Science and Technology from 1975 to 1980. During this period he established a semiconductor device development laboratory as the base for an applied research and development activity investigating MOS, EPROM and E2PROM device and technology limitations. He continued work on development of nonvolatile semiconductor memory devices and consulted Intel Corporation on development of nonvolatile memory products. In 1974 he set up the Intel Design Center in Haifa and supported its management on a consulting basis.
In 1980 he was appointed Professor of Applied Physics at the Hebrew University of Jerusalem. In 1981 he took a leave of absence from the Hebrew University to establish the VLSI Wafer Manufacturing Plant in Jerusalem and direct Intel operations in Israel. In 1982 he received the IEEE Jack Morton Award for meritorious achievement in the field of Solid State Devices and was appointed IEEE Fellow.
In 1991 he received the Israel Prize for Engineering and Technology.
Until January 2001 he was General Manager of Intel Israel and Vice President, Microprocessor Products Group, Intel Corporation. In 2001 he retired from Intel activities/