

Prof. Emeritus Yael Nemirovsky (active emeritus) is an IEEE life Fellow and is a tenured member of the Faculty of Electrical Engineering at Technion- Israel Institute of Technology. Nemirovsky had been involved in II-VI compounds and devices for IRFPAs (infra Red Focal Plane Arrays) and medical imaging. Nemirovsky is a pioneer of Micro-Electro-Mechanical Systems (MEMS) research in Israel and in the last two decades her research has focused on Micro-Opto-Electro-Mechanical (MOEMS) Systems. Her current main focus is on CMOS Sensors, CMOS-SOI-MEMS/NEMS sensors and system-on-chip approach. She has published over 220 papers in refereed journals, co-presented over 200 talks in conferences and filed for several patents (over 36). Nemirovsky is the recipient of an Israeli national award: "The Award for the Security of Israel" and Technion awards for "Best Teacher" and "Novel Applied Research". She also received the Kidron Foundation award for "Innovative Applied Research", Intel award and the USA R&D 100 2001 award recognizing the top 100 new inventions and products of the year in USA. In addition, she is the recipient of the 2008 and the 2012 IBM faculty award. In 2001 she co-founded BlueBird Optical MEMS, has been the CEO during her sabbatical and for 3 years the Chief Scientist of BlueBird. She has served for 3 years (2012-2015) as the head of the department of Electrical Engineering in Kinneret (Lake of Galilee) academic college. She is co-founder of TODOS Technologies Inc. – a company established by Technion to commercialize Technion IP and is currently TODOS chief scientist and serves in the board of directors. Yael has been collaborating with industry all her professional life. Her lifetime research activity is reflected by her complete CV.

The complete CV can be found in: <http://yaelnemirovsky.net.technion.ac.il/>

