

# Prof Natan Kopeika

## Retirement Symposium

Thursday 6, March, 2014

Building 51 (Nano) at the main conference Hall (-1 floor)

*Prof. Norman (Natan) Kopeika has been a fixture of the Dept. of Electrical and Computer Engineering in Ben-Gurion University of the Negev since his arrival in 1973. His scientific acumen and research vision have attracted military and industry interest both in Israel and internationally into the field of atmospheric effects upon remote sensing. He was the prime founder of the Department of Electro-Optics which has grown to be one of the major sources of graduate students in the Faculty of Engineering. Most importantly, his students have spread throughout Israel enhancing BGU's reputation as a leading place to do Electro-optical research.*

*His students and colleagues cherish Natan's pleasant personality and cheerful encouragement in all interactions with him. We are pleased at this opportunity to celebrate his formal retirement and present our papers in his honor. We hope and expect that his "retirement" will not slow him down and he will continue to remain active and vibrant at BGU.*

Time	Activity/speaker
8:30 - 9:00	Registration
	<b>Session 1: Chair – S. Rotman</b>
9:00 - 9:15	Salutation by the Vice-President and Dean for Research & Development Prof. M. Herskowitz
9:15 - 9:40	N.S. Kopeika "Electrooptics in the School of Engineering Sciences – a historical perspective"
9:40 - 10:00	I. Abdulhalim "Liquid Crystals for Photonics"
10:00 - 10:20	A. Stern "Compressive sensing for optical Sensing and Imaging"
10:20 - 10:40	Y. Yitzhaky "Surveillance in long distance imaging"
10:40 - 11:00	<b>Break</b>
	<b>Session 2: Chair – S. Hava</b>
11:00 - 11:20	D. Sadot "Optical communication"
11:20 - 11:40	O. Hadar "Advanced Video Compression Standards"
11:40 - 12:00	S. Arnon "Visible light communication"
12:00 - 13:30	<b>Lunch Break</b> Lunch for invited only Salutation by the Faculty of Engineering Sciences Dean Prof. Y. Kost Salutation by the Chair of EE department Prof. T. Melamed Salutation by the Faculty Union representative Special address by N. Yakirson the first PH.D student of Prof. Kopeika Greeting by former students and colleagues
	<b>Session 3: Chair – O. Hadar</b>
13:30 - 13:50	S. Rotman "Hyperspectral target detection"
13:50 - 14:10	S. Hava "Optical Performance of Diffraction Microstructures"
14:10 - 14:30	O. David "Active Imaging and Applications"
14:30 - 14:50	G. Sarusi "SWIR to Visible Up-conversion Imaging Device"
14:50 - 15:10	<b>Break</b>
	<b>Session 4: Chair –G. Sarusi</b>
15:10 - 15:30	A. Abramovich "Heterodyne detection and polarization effects at 300 GHz using Ne Indicator Lamp Glow Discharge Detectors"
15:30 - 15:50	A. Ishaaya "Laser wavelength converters based on photonic crystal fibers"
15:50 - 16:10	Y. Sivan "Metal particles for super-resolution in far-field microscopy"
Registration:	Martin Golan email: <a href="mailto:martine@bgu.ac.il">martine@bgu.ac.il</a> Tel 08 6461448