



החברה הישראלית לכימיה
THE ISRAEL CHEMICAL SOCIETY

<http://www.chemistry.org.il>

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Dear ICS members,

It is my great pleasure to announce that the 2013 **Tenne Family Prize in memory of Lea Tenne for Nanoscale Sciences** will be awarded to **Prof. Hossam Haick** of the Department of Chemical Engineering and Russell Berrie Nanotechnology Institute, Technion – Israel Institute of Technology. Professor Haick will receive the prestigious prize for his scientific innovation and creative development of nanotechnology-based sensors and diagnostic tools, which have a profound impact as a new approach to non-invasive disease detection.

Prof. Hossam Haick was born in Nazareth in 1975, received his Ph.D. from the Technion in 2002 and in 2006, following two postdoctoral research programs in the Weizmann Institute of Science and in CalTech, he joined the Technion. His nanosensors, which mimic the olfactory system, are based on the implementation of nanomaterial arrays, including chemiresistors that are based on functionalized nanoparticles or nanotubes and field effect transistors that are based on functionalized silicon nanowires. His analyzer devices have been put to practical evaluation in more than two dozens of hospitals worldwide. The nanoarray-based, breath test was successfully applied for various types of cancers, chronic and acute kidney diseases, hepatic disease, pulmonary arterial hypertension and more.

Prof. Haick has published over 100 papers in top research journals, won prestigious research grants, including Marie Curie, ERC, FP-7, and has been awarded with numerous prizes, including major teaching awards.



Prof. Hossam Haick
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The Tenne Family Prize will be awarded during the NanoIsrael conference in David Intercontinental Hotel, Tel Aviv, March 24-25, 2014. The award ceremony will take place in March 25 at 11:00 AM.

Congratulations to Hossam for his achievements!

Ehud Keinan