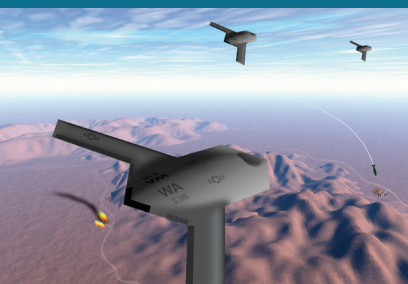


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Donors provide critical support for the Technion – more than \$1.9 billion since its inception in 1940. Based in New York City, the ATS and its network of chapters across the U.S. provide funds for scholarships, fellowships, faculty recruitment and chairs, research, buildings, laboratories, classrooms and dormitories, and more.



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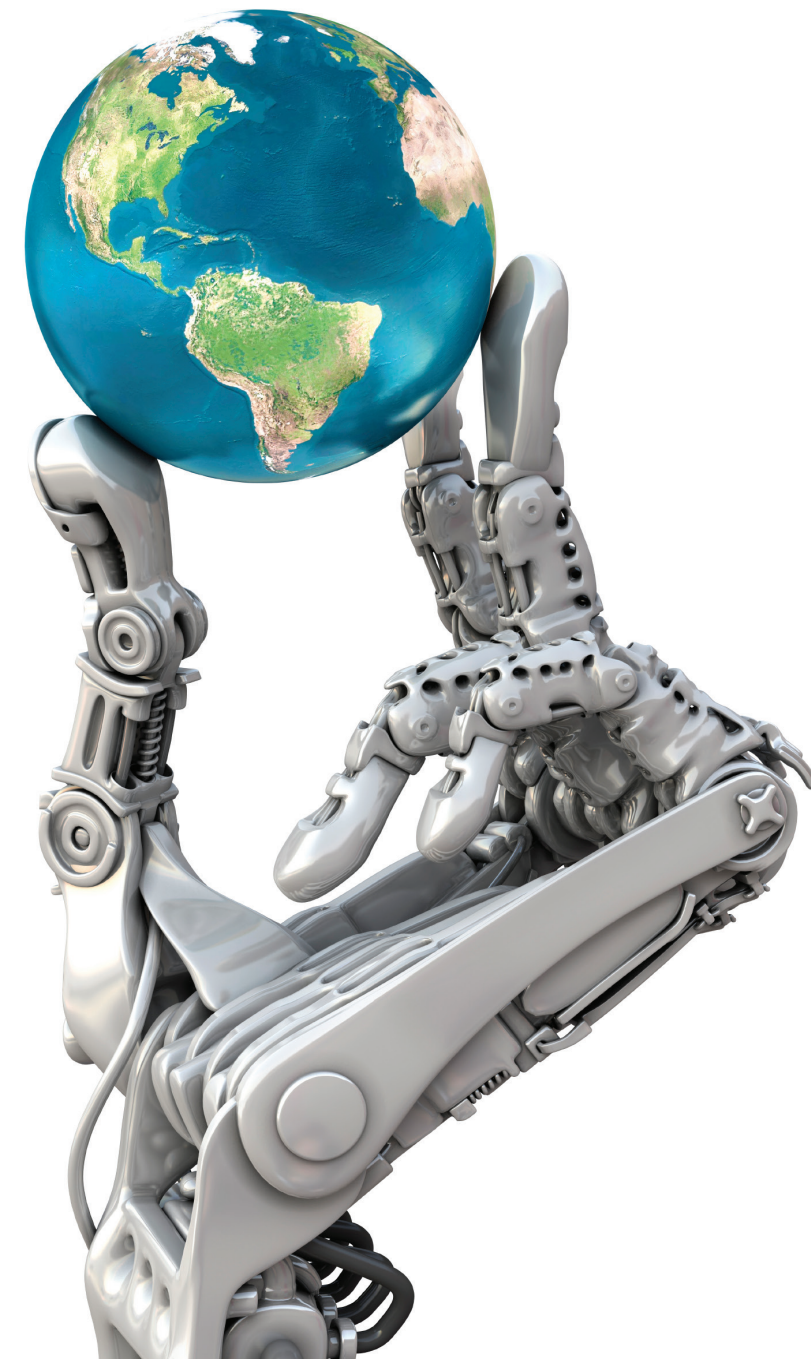


TECHNION'S WORLD OF ROBOTIC SYSTEMS

FROM SATELLITES TO
ARTIFICIAL MOSQUITOES

2013 ANNUAL EVENT
OCTOBER 23, 2013

Technion –
Israel Institute of Technology
New England Region



TECHNION'S WORLD OF ROBOTIC SYSTEMS

FROM SATELLITES TO
ARTIFICIAL MOSQUITOES

YOU ARE CORDIALLY INVITED TO JOIN THE

New England Region American Technion Society
for a special evening at our 2013 Annual Event

Wednesday October 23, 2013
6:00 – 9:30 pm

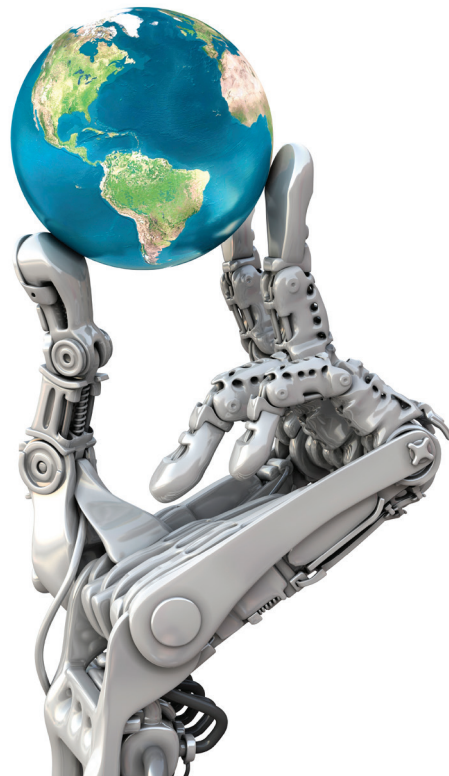
Honoring Our Past Alumni Presidents

LOCATION

The Westin Waltham Hotel
70 Third Avenue
Waltham, MA 02451

EVENT CO-CHAIRS

Russ and Rebecca Stein



GUEST SPEAKER

*Technion Distinguished Professor
Daniel (Danny) Weihs*



One of the world's foremost experts in aerospace engineering, Distinguished Professor Emeritus Danny Weihs of the Technion Faculty of Aerospace Engineering holds the Louis and Lyra Richmond Chair in Life Sciences. He is the Chairman of the Israel National Committee for Space Research and of the Israel Interuniversity Institute for Marine Research. He is the founding head of the Technion Autonomous Systems Program (TASP), focused on the development of advanced unmanned systems and robotics. He recently served as the Chief Scientist of the Israel Ministry of Science & Technology.

In the Learning from Nature Lab that he heads in the Faculty of Aerospace Engineering, Prof. Weihs uses his unique talent for finding elegant ways for the natural world to meet high technology. For example, he developed nano-sized "parachutes" that can detect toxins in the air, which were depicted on the postage stamp commemorating the Technion's 100th anniversary.

Prof. Weihs received his bachelor's, master's and doctoral degrees from the Technion. A member of the Technion faculty since 1973, Prof. Weihs has also served as provost, dean of the graduate school and of the Faculty of Aerospace Engineering, director of the Samuel Neaman Institute for Advanced Studies in Science and Technology and director of the Norman and Helen Asher Space Research Institute.

Technion Achievements: A Historic Timeline

1912 – Laying of the first Technion cornerstone.

1924 – The Technion opens with courses in Civil Engineering and Architecture.

1948 – More than 650 Technion students fought in the War of Independence.

1964 – Construction of Israel's National Water Carrier is completed, engineered primarily by Technion graduates.

1971 – The Technion opens the Rappaport Faculty of Medicine in conjunction with Rambam Hospital.

1980 – The Technion establishes The Faculty of Computer Science, which would become the largest in the Western world.

1999 – The first human stem cells are cultured and isolated by a Technion professor together with a team of international scientists.

2004 – Nobel Prize in Chemistry (first Nobel prize awarded in science in Israel) awarded to Technion Faculty of Medicine Profs. Avram Hershko and Aaron Ciechanover for their research on human protein degradation, leading to the creation of cancer-treating drugs.

2006 – The FDA approves Azilect, a powerful Parkinson's drug first developed at the Technion, by Professor Moussa Youdim.

2011 – Nobel Prize in Chemistry awarded to Distinguished Professor Dan Shechtman for his discovery of quasicrystals.

2012 – Google will be the interim home of the Technion-Cornell Innovation Institute (TCII) and the Cornell NYC Tech Campus.

2013 – The Technion opens its new Sarona Campus in Tel-Aviv. The first occupant is the Technion's Start-up International MBA Program.

Breaking News From Technion

> **Sleep Apnea May Offer Unusual Protection for Heart Attack Patients**

> **Amniotic Sac Membrane Could be Source for Human Eggs**

> **Holographic Technique Could Lead to Bionic Vision;** Professor Shy Shoham led researchers in testing the power of holography to artificially stimulate cells in the eye, with hopes of developing a new strategy for bionic vision restoration.

> **Technion Ingenuity on Display During Obama Israel Visit;** The President saw Prof. Alon Wolf's search and rescue robotic snake; alumnus Dr. Amit Goffer's ReWalk, and a "human" waiter robot, built by middle school students with guidance from the Technion.

> **Technion Scientists Develop Advanced Biological Computer;** Using only biomolecules, scientists created a computing machine capable of manipulating genetic codes.

> **Breakthrough Could Lead to "Artificial Skin" that Senses Touch, Humidity and Temperature.**

> **Technion Researchers Create 'Super Plants' that Resist Drought;** Faculty of Biology Professor Shimon Gepstein says that these genetically engineered plants could be a solution for food shortage in the world.

