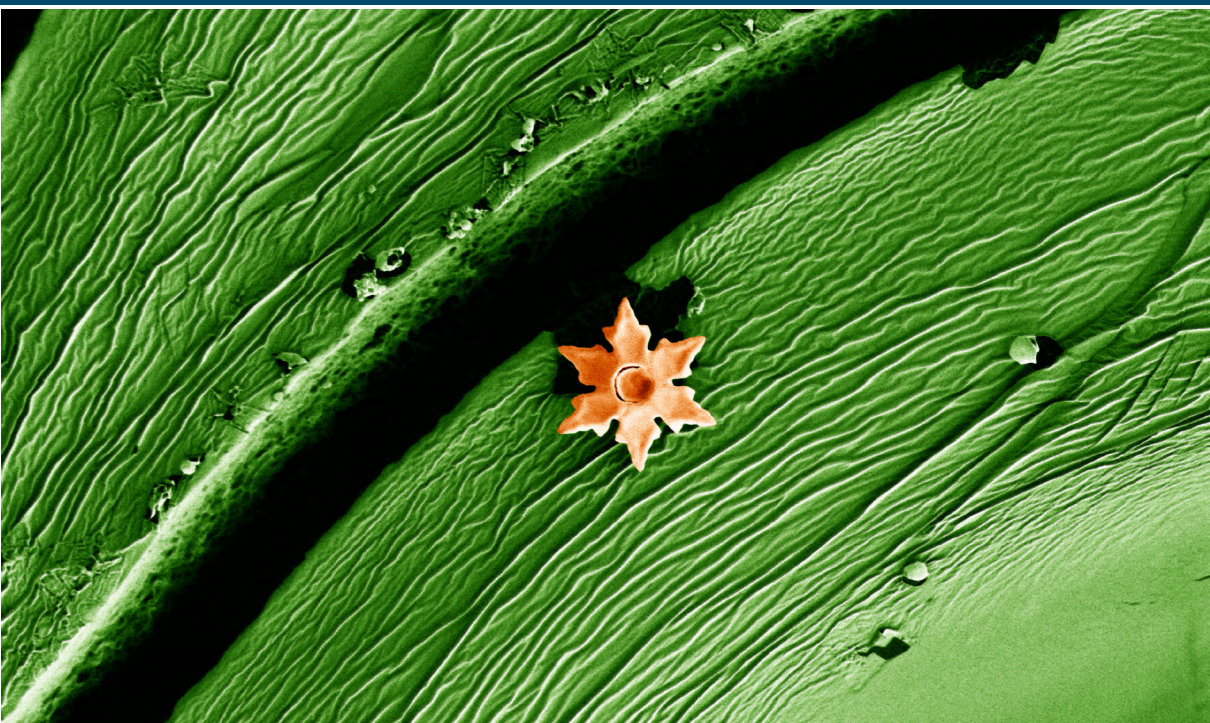


NANO ISRAEL²⁰¹⁶

The 5th International Nanotechnology Conference & Exhibition

February 22-23, 2016

Smolarz Auditorium, Tel Aviv University, Tel Aviv, Israel



PRELIMINARY PROGRAM

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The 5th International Nanotechnology Conference & Exhibition

Dear Colleagues,

*We are excited to invite you to join us at **Nanolsrael 2016**, the fifth bi-annual Conference & Exhibition, to be held in **Tel Aviv** on **22-23 February, 2016**.*

Israel is renowned for its achievements in innovative products and solutions. Over the past decade Israel has also established itself as a key player in nanotechnology, providing new and exciting opportunities and solutions in materials, medical, mobile, defense & aerospace, semi-conductor and other important and emerging industrial sectors.

Join us to meet the top researchers and leaders from Israel and abroad and to gain a first-hand look at cutting-edge technologies, leading scientific achievements and unique business and investment opportunities.

Nanolsrael has established itself as the central meeting point for local and multinational companies, investors, university and corporate research scientists and government representatives from around the world. Bringing together elite speakers and top individuals from academia, business and government, the forth conference held in Tel Aviv in March 2014 drew over 1400 delegates from Israel and abroad that were able to review the full range of cutting-edge technologies. From scientific innovation presented by top scientists and speakers, to "Golden Nuggets" technologies on the verge of commercialization, dozens of innovative start-ups, multinationals seeking collaborations, top defense-related bodies from Israel and the USA, a Nano-Education session, government agencies and a display of 20 of the latest innovations and products.

Nanolsrael 2016 is held in cooperation with the Israel National Nanotechnology Initiative (INNI), the Nanotechnology centers at Israeli universities along with the Ministries of Economy and Foreign Affairs and key industry players.

We look forward to welcoming you in Tel Aviv.

Sincerely,

Prof. Ori Cheshnovsky

Prof. Yael Hanein

Mr. Rafi Koriat

Co-Chairpersons, Nanolsrael 2016



February 22-23, 2016

Tel Aviv University, Tel Aviv, Israel

NANOTECHNOLOGY IN ISRAEL

Israel is recognized the world over as a leading source of knowledge and innovation in advanced research and technology.

Israel's tradition of scientific excellence is widely appreciated, and Israel's technological achievements are at the forefront of communications, electronics, computer software, networking, defense, security and life sciences industries.

More than 100 major technology firms maintain active R&D centers in Israel. Global business surveys consistently place Israel among the most attractive nations for advanced technology development.

Israel's workforce is among the highest educated in the world - fully 20 percent of Israel's working population hold academic degrees. For each 10,000 employees, 140 are scientists or technicians, and 135 are engineers. Comparative ratios in the US, Japan and European nations all run a distant second place.

The number of Israeli Nanotech publications and patents are ranked amongst the top in the world according to a study sponsored by the European Commission.

Israel's small size and limited financial resources are serious challenges, but Israel's academic, business and government leaders recognize nanotech as a key platform for ensuring Israel's continued R&D excellence for decades to come.

Nanotechnology is a natural enabler for Israel. In fact, our small size is also our advantage -- it means sharper focus, more efficient use of funds, fewer commercial obstacles, rapid prototyping and testing, and higher quality standards.

Israel's outstanding track record is just a hint of what nanotechnology will bring. Israel and nano are a strategic fit.

Text quoted from the INNI website: www.nanoisrael.org

SCIENTIFIC COMMITTEE

- Prof. Ori Cheshnovsky**, Tel Aviv University, Israel
Prof. Gadi Eisenstein, Technion, Israel
Prof. Yuval Garini, Bar Ilan University, Israel
Prof. Yuval Golan, Ben Gurion University, Israel
Prof. Yael Hanein, Tel Aviv University, Israel
Prof. Ernesto Joselevich, Weizmann Institute of Science, Israel
Mr. Rafi Koriati, Israel National Nanotechnology Initiative, Israel
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Mr. Haim Rousso, Elbit, Israel
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Prof. Reshef Tenne, Weizmann Institute of Science, Israel

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February 22-23, 2016

Tel Aviv University, Tel Aviv, Israel

MAIN TOPICS

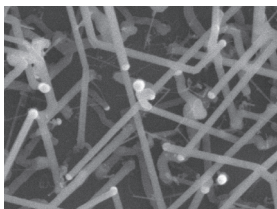
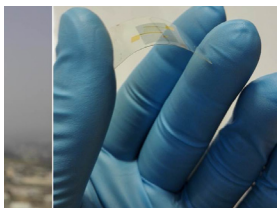
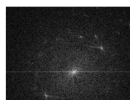
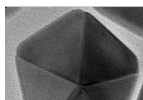
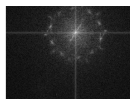
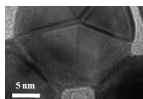
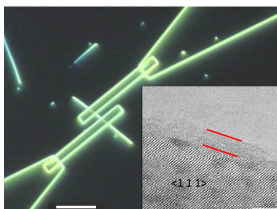
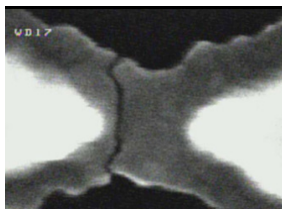
- Nanobiotechnology
- Nanomaterials
- Nanomedicine
- Photonics and Telecom
- NanoDefense & Aerospace
- International Collaborations
- Semi-conductor and other important and emerging industrial sectors

Call for Posters

You are invited to take an active role by submitting an abstract to be reviewed for poster presentation at the Conference.

We offer you a platform providing you the opportunity to highlight your work and research to a target audience.

Submission Deadline is **November 22, 2015**.



PRELIMINARY PROGRAM

Monday, February 22, 2016

Hall A

09:00-09:20 Welcome and Greetings

09:20-10:00 *Mr. Mooly Eden*
Intel, Israel

10:00-10:40 *Prof. Louis Brus*
Columbia University, USA

10:40-11:10 Coffee Break and Visit to Exhibition

Hall A

Hall B

Hall C

Parallel Session 1 – Nano Medicine
Chair: Prof. Rimona Margalit
Tel Aviv University, Israel

Parallel Session 2 – Nano Energy
Chair: Prof. Ori Cheshnovsky
Tel Aviv University, Israel

Parallel Session 3 – Nano Innovation and Policy
Chair: TBA

11:10-11:40 *Prof. Ronit Satchi-Fainaro*
Tel Aviv University, Israel

Prof. Arie Zaban
Bar Ilan University, Israel

Ms. Clara de la Torre
European Commission, Belgium

11:40-12:00 *Dr. Ayelet David*
Ben Gurion University, Israel

Mr. Ziv Gottesfeld
VoitaNano, Israel

Prof. Alexander Michaelis
Fraunhofer IKTS, Germany

12:00-12:20 *Dr. David Altreuter*
Quiet Therapeutics Inc., Israel-USA

Prof. Diana Golodnitsky
Honeycomb Batteries, Israel

Prof. Jean-Michel Gerard
CEA/Institut de Nanoscience et Cryogénie,
Grenoble, France

12:20-12:40 *Prof. Smadar Cohen*
Ben Gurion University, Israel

Mr. Barry Breen
3G Solar, Israel

TBA

12:40-13:00 *Dr. Vered Karavani*
Tel Aviv University, Israel

Prof. Mark Welland
University of Cambridge, England

Dr. Erwin Meinders
TNO, The Netherlands

13:00-14:20 Lunch Break and Visit to Exhibition

14:20-15:40 Poster Session 1 (Poster Hall)

Hall A

Hall B

Hall C

Parallel Session 4 – Nano Physics
Chair: Prof. Uri Sivan
Technion, Israel

Parallel Session 5 – Nano Material Synthesis and Characterization
Chair: Prof. Yuval Golan
Ben Gurion University, Israel

Parallel Session 6 – Global Nano
Chair: Mr. Dan Vilenski
INNI, Israel

15:40-16:10 *Prof. Eran Rabani*
Berkeley, USA

Prof. Bradley F. Chmelka
University of CA Santa Barbara, USA

Dr. Brian Daniels
Merck, USA

16:10-16:30 *Dr. Barak Dayan*
Weizmann Institute of Science, Israel

Dr. Daniel Nessim
Bar Ilan University, Israel

Prof. D.H.A. Blank
NanoNetNL, Israel

16:30-16:50 *Prof. Oded Millo*
The Hebrew University
of Jerusalem, Israel

Prof. Roy Shenhar
The Hebrew University
of Jerusalem, Israel

Dr. Michel Vakrat Wolkin
3M, Israel

16:50-17:10 *Mr. Shlomo Amir*
Qlight, Israel

Prof. Roy Bar Ziv
Weizmann Institute of Science, Israel

Panel – Mr. Dan Vilenski
INNI, Israel

17:10-17:30 Coffee Break and Visit to Exhibition

Hall A

17:30-18:10 *Plenary Session 2*
Prof. Pieter R Cullis
University of British Columbia, Canada

PRELIMINARY PROGRAM

Tuesday, 23 February 2015

Plenary Session 3 – Hall A

09:00-09:40 *Prof. Klaus Müllen*
Max Planck Institute, Germany

09:40-10:20 Prof. Oded Shoseyov
The Hebrew University of Jerusalem, Israel

10:20-10:50 Coffee Break and Visit to Exhibition

Hall A

Hall B

Hall C

Parallel Session 7 – Bio Materials
Chair: Prof. Reshef Tenne,
Weizmann Institute of Science, Israel

Parallel Session 8 – Nano Photonics
Chair: Prof. Gadi Eisenstein
RBNI, Israel

Parallel Session 9 – Nano Defense
Chair: Mr. Ophir Shoham
MAFAT, Israel

10:50-11:20 Award – The Tenne Family Prize

Prof. Dan Oron
Weizmann Institute of Science, Israel

Dr. Amir Uziel & Dr. Ehud Galun
IMOD, MAFAT, Israel

11:20-11:50 Prof. Yeshayahu Talmon
Technion, Israel

Dr. Yonatan Sivan
Ben Gurion University, Israel

Dr. Igor Medintz
NRL Nano Institute, USA

11:50-12:10 Dr. Meital Reches
The Hebrew University
of Jerusalem, Israel

Dr. Tal Ellenbogen
Tel Aviv University, Israel

Dr. Ines Schneider
German Defense Office, Germany

12:10-12:30 Prof. Boaz Pokroy
Technion, Israel

Dr. Ori Katz
The Hebrew University
of Jerusalem, Israel

Mr. Bruno Mortaigne
The French Defence (DGA), France

12:30-12:50 Dr. Shaul Lapidot
Melodea, Israel

Dr. Dror Fixler
Bar Ilan University, Israel

Dr. Yiftach Eisenberg
DARPA, USA

12:50-14:10 Lunch Break and Visit to Exhibition

14:10-15:30 Poster Session 2 (Poster Hall)

Hall A

Hall B

Hall C

Hall D

Parallel Session 10 – Nano Electronics
Chair: Prof. Yuval Garini
Bar Ilan University, Israel

Parallel Session 11 – Nano Mechanics
Chair: Prof. Ernesto Joselevich
Weizmann Institute of Science, Israel

Parallel Session 12 – Nano Sensors
Chair: Mr. Amir Elstein
Tower Jazz, Israel

Parallel Session 13 – Nano Education
Chair: Mr. Haim Rousso
Elbit, Israel

15:30-16:00 Prof. Gitti Frey
Technion, Israel

Prof. Ron Lifshitz
Tel Aviv University, Israel

Prof. Yoel Fink
MIT, USA

16:00-16:10 School Project 1

16:00-16:20 Dr. Iris Visoly Fisher
Ben Gurion University, Israel

Prof. Samuel Kenig
Shenkar College of Engineering and Design, Israel

Prof. Yossi Rosenwaks
Tel Aviv University/Tower, Israel

16:10-16:30 Prof. Hossam Haick
Technion, Israel

16:20-16:40 Dr. Oren Tal
Weizmann Institute of Science, Israel

Dr. Ziv Hermon
Nano Air, Israel

Dr. Ricardo Osiroff
Tracense Systems Ltd, Israel

16:30-16:40 School Project 2

16:40-17:00 Dr. Doron Naveh
Bar Ilan University, Israel

Dr. Alexander Margolin,
NanoMaterials LTD, Israel

TBA

16:40-17:00 Dr. Ron Blonder
Weizmann Institute of Science, Israel

17:00-17:20 Prof. Ilan Goldfarb
Tel Aviv University, Israel

Dr. Yael Dror
NanoSpun Technologies, Israel

Dr. Einat Zisman
FutuRx Incubator, Israel

17:00-17:10 School Project 3

17:10-17:30 Dr. Efrat Bodner
Bar Ilan University, Israel

17:20-17:40 Coffee Break and Visit to Exhibition

Plenary Session 4 – Hall A

17:40-18:20 Prof. Toshio Ando
Kanazawa University, Japan

18:20-18:30 Closing Remarks



REGISTRATION FEES

The rates below apply to payments received prior to the published deadlines.

Registration will be confirmed only upon full payment. Unpaid registrations will not be valid.

*** By completing and submitting this registration form, you agree that your details may be included in our database for the purpose of one-on-one meetings.

Non-Israeli Participants		
	Early Registration (Extended to November 20,2015)	Late Fee / On Site Registration (from November 21,2015)
Full Participant	US\$ 334	US\$ 375
Daily Participant (per day)	US\$ 190	US\$ 210
Israeli Participants		
	Early Registration (Extended to November 20,2015)	Late Fee / On Site Registration (from November 21,2015)
Full Participant	NIS 1240	NIS 1380
Daily Participant (per day)	NIS 710	NIS 770
Academic Full Participant * (University Institute Member)	NIS 1100	NIS 1240
Academic Daily Participant * (University Institute Member)	NIS 650	NIS 700
Student Full Participant **	NIS 600	NIS 750
Student Daily Participant **	NIS 360	NIS 390

Please note:

All prices for Israeli's include VAT (currently 17%).In case of change in VAT the registration fee will be updated accordingly.

* Proof of status is required (valid student / university / institute member card) and must be brought to the registration desk.

** Student Rate is applicable until age 30.

The local Nano centers are subsidizing the registration fee for their students. Please check with your center directly to see if you are eligible.

Outstanding payments will be collected on-site and charged the on-site rate.

REGISTRATION FEES FOR PARTICIPANTS INCLUDE:

- Participation at all sessions
- Entrance to the exhibition
- Lunch
- Light refreshments at coffee breaks
- Networking (One-on-one meetings)

February 22-23, 2016

Tel Aviv University, Tel Aviv, Israel

METHODS OF REGISTRATION

Please register online or contact:

Anna Farfanyuk

Tel: +972 7 4745 7487

email: afarfanyuk@kenes-exhibitions.com

METHODS OF PAYMENT

Credit Card

We Accept: Visa, MasterCard, American Express, Isracard

Bank Transfer

IMPORTANT: Please ensure the name of the conference and participant/s are clearly stated on the bank transfer.

Please make drafts payable to: Kenes Exhibitions

(Nano Israel 2016), Bank Leumi Le Israel,

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REGISTRATION CANCELLATION POLICY

All cancellations must be emailed to : afarfanyuk@kenes-exhibitions.com

Refund of registration fees will be as follows:

Until and including **December 20, 2016** full refund less \$35 USD for bank charges

Until and including **January 20, 2016** 50% refund

No refund on cancellations from **January 21, 2016**

CONTACT FOR QUESTIONS/FURTHER INFORMATION

Should you have any questions or require further information with regard to registration and or accommodation please contact us directly:

Registration & Accommodation Department

3 Ariel Sharon Ave., Or Yehuda 6037606, Israel

Tel: +972 (0) 74 745 7487

Fax: +972 (0) 74 745 7487

Email: afarfanyuk@kenes-exhibitions.com



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