

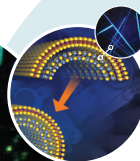
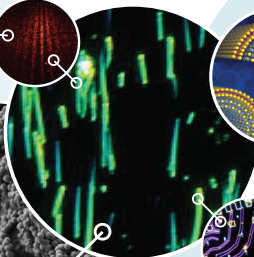
NANO ISRAEL 2016

The 5th International Nanotechnology Conference & Exhibition

February 22-23, 2016 | Smolarz Auditorium Tel Aviv University, Tel Aviv, Israel



A PLATFORM WHERE
SCIENCE, TECHNOLOGY,
ACADEMIA AND INDUSTRY
COME TOGETHER



NANO 2016

Organized By



PROGRAM BOOK

www.kenesexhibitions.com/nanoisrael2016

NANOISRAEL²⁰¹⁶



NANO
2016

GENERAL INFORMATION

NETWORKING

FULL PROGRAM

POSTER INFORMATION

EXHIBITOR PROFILES

GENERAL INFORMATION

Venue

Smolarz Auditorium
Tel Aviv University, P.O. Box 39040, Tel Aviv 6997801, Israel
Tel: +972 3 6405959
Fax: +972 3 6406794

Language

English is the official language of the conference.

Registration/Hospitality Desk

Will operate as follows:

Monday, February 22nd from 08:00-17:00 hours

Tuesday, February 23rd from 08:30-16:30 hours

Lunch: Sandwich & Beverage

Will be provided at the Tel Aviv University.
Please remember to bring your lunch voucher.

Poster Awards / Awarding of The Tenne Family Prize / Nano in the Art Award / Company, Innovation of the Year Award

Winners will be announced during the Closing Ceremony on Tuesday, February 23rd 2016.

Exhibition

Will be open as follows:

Monday, February 22nd from 09:00-18:00 hours

Tuesday, February 23rd from 09:00-19:00 hours

Clothing

Informal for all occasions.

NANOISRAEL²⁰¹⁶



NETWORKING

Taking place on Monday, February 22nd and Tuesday, February 23rd.

Should you wish for a place to meet with colleagues for potential business ventures, you are more than welcome to utilize the networking area if available.

Please consult with the networking representative who will advise you of a suitable time.

POSTERS

Category
Nano-Optics
Nano-Medicine
Nano-Mechanics
Nano-Materials
Nano-Energy
Nano-Electronics
Nano-Biology

Posters will be on display for the full 2 days of the conference, in standard and Digital E-Poster format.

Special Poster Conference Sessions are scheduled:

Poster Session 1: Monday, 22 February, 2016 from 14:20-15:40

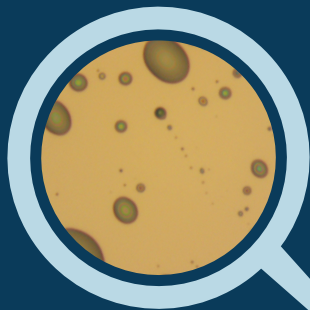
Poster Session 2: Tuesday, 23 February, 2016 from 14:10-15:30

Poster presenters are requested to be present at their designated poster board(s) during breaks and Conference Poster Sessions.

Posters must be mounted between 07:30 to 10:30 on Monday, 22 February, 2016 and removed on Tuesday, February 23 at the end of sessions.



FULL PROGRAM



Monday, 22 February 2016

Hall A		Hall B		Hall C	
09:00-09:20	<p>Welcome and Greetings, honored by:</p> <p><i>Prof. Joseph Klafter</i>, Tel Aviv University, Israel</p> <p><i>Mr. Avi Hasson</i>, Ministry of Economy and Industry, Israel</p>				
09:20-10:00	<p>SCIENCE FICTION OR SCIENCE, COMPUTING EVOLUTION AND MOORE'S LAW</p> <p><i>Mr. Mooly (Shmuel) Eden</i> Former Senior V.P at Intel Corporation and President of Intel, Israel</p>				
10:00-10:40	<p>SIZE, DIMENSIONALITY AND STRONG ELECTRON CORRELATION IN NANOSCIENCE</p> <p><i>Prof. Louis Brus</i> Columbia University, USA</p>				
10:40-11:10	Coffee Break and Visit to Exhibition				
11:10-13:00	<p>Hall A</p> <p><i>Parallel Session 1 - Nano Medicine</i> <i>Chair: Prof. Rimona Margalit</i> Tel Aviv University, Israel</p>	<p>Hall B</p> <p><i>Parallel Session 2 - Nano Energy</i> <i>Chair: TBA</i></p>	<p>Hall C</p> <p><i>Parallel Session 3 - Nano Innovation and Policy</i> <i>Chair: Dr. Nili Mandelblit</i> ISERD, Israel</p>		
11:10-11:40	<p>NOVEL CANCER MODELS-BASED IDENTIFICATION OF TARGETS FOR THE RATIONAL DESIGN OF PRECISION NANOMEDICINES</p> <p><i>Prof. Ronit Satchi-Fainaro</i> Tel Aviv University, Israel</p>	<p>ALL-OXIDE PHOTOVOLTAICS: A COMBINATORIAL MATERIAL SCIENCE STUDY</p> <p><i>Prof. Arie Zaban</i> Bar Ilan University, Israel</p>	<p>NANOTECHNOLOGY POLICY AND INNOVATION IN HORIZON 2020</p> <p><i>Mr. Jyrki Suominen</i> European Commission, Belgium</p>		
11:40-12:00	<p>LIGAND-TARGETED POLYMER-DRUG CONJUGATES FOR INHIBITION OF PRIMARY AND METASTATIC TUMORS IN MICE</p> <p><i>Dr. Ayelet David</i> Ben Gurion University, Israel</p>	<p>INTRODUCING CARBON-NANO TECHNOLOGY INTO AN ULTRA-ORTHODOX INDUSTRY: THE LEAD ACID BATTERY CASE STUDY</p> <p><i>Mr. Ziv Gottesfeld</i> VoltaNano, Israel</p>	<p>SMART CERAMIC MATERIALS FOR ENERGY AND ENVIRONMENTAL TECHNOLOGY</p> <p><i>Prof. Alexander Michaelis</i> Fraunhofer IKTS, Germany</p>		

12:00-12:20	<p>GAGOMERS, TUMOR-TARGETED NANOPARTICLES; DELIVERING ON THERAPIES <i>Dr. David Altrauter</i> Quiet Therapeutics Inc., Israel-USA</p>	<p>HONEYCOMB 3D-MICROBATTERIES <i>Prof. Diana Golodnitsky</i> Honeycomb Batteries, Israel</p>	<p>NOVEL OPPORTUNITIES FOR PHOTONICS BASED ON SEMICONDUCTOR NANOSTRUCTURES AND QUANTUM EFFECTS <i>Prof. Jean-Michel Gerard</i> CEA, France</p>
12:30-12:40	<p>A BRIDGE TO SILENCING: CO-ASSEMBLING ANIONIC NANOPARTICLES OF SIRNA AND HYALURONAN SULFATE VIA CALCIUM BRIDGES <i>Prof. Smadar Cohen</i> Ben Gurion University, Israel</p>	<p>POWERING WIRELESS ELECTRONICS WITH DYE <i>Mr. Barry Breen</i> 3cSolar Photovoltaics Ltd, Israel</p>	<p>NANOTECHNOLOGY AT THE NATIONAL RESEARCH COUNCIL OF ITALY <i>Prof. Corrado Spinella</i> CNR, Italy</p>
12:40-13:00	<p>TARGETING THE SWEET SIDE OF CANCER WITH GLYCO-NANOPARTICLE <i>Dr. Vered Karavani</i> Tel Aviv University, Israel</p>	<p>DESIGN OF NANOSTRUCTURES FOR ENERGY AND ENVIRONMENTAL APPLICATIONS <i>Prof. Ashok Kumar Ganguli</i> Institute of Nano Science and Technology, India</p>	<p>MULTI-TECHNOLOGY ADDITIVE MANUFACTURING FOR 3D STRUCTURAL ELECTRONICS <i>Dr. Erwin Meinders</i> TNO, The Netherlands</p>
Lunch Break and Visit to Exhibition			
Poster Session 1 (Poster Hall)			
	Hall A	Hall B	Hall C
15:40-17:10	<p>Parallel Session 4 - Nano Physics <i>Chair: Prof. Uri Sivan</i> Technion, Israel</p>	<p>Parallel Session 5 - Nano Material Synthesis and Characterization <i>Chair: Prof. Yuval Golan</i> Ben Gurion University, Israel</p>	<p>Parallel Session 6 - International Nano Cooperation <i>Chair: Mr. Dan Vilenski</i> INNI, Israel</p>
15:40-16:10	<p>MULTIEX CITON GENERATION AT THE NANOSCALE <i>Prof. Eran Rabani</i> University of California, USA</p>	<p>SURFACE COMPOSITIONS, STRUCTURES, AND PROPERTIES OF SURFACTANT-DIRECTED NANOSCALE SEMICONDUCTORS <i>Prof. Bradley F.Chmelka</i> University of CA Santa Barbara, USA</p>	<p>A MACRO VIEW ON NANO <i>Prof. Eugene Kandel</i> Start-up Nation Central (SNC), Israel</p>

16:10-16:30	<p>RECENT ADVANCES IN BORON NITRIDE NANOTUBES: MANUFACTURING, CHEMISTRY, COMPOSITES AND APPLICATIONS</p> <p><i>Dr. Benoit Simard</i> National Research Council, Canada</p>	<p>LESSONS LEARNED FROM CARBON NANOTUBE GROWTH CAN BE APPLIED TO GRAPHENE: 100% REPRODUCIBILITY AND IMPROVED GRAPHENE QUALITY BY PREHEATING PRECURSOR GASES USING THERMAL CHEMICAL VAPOR DEPOSITION</p> <p><i>Dr. Gilbert Daniel Nessim</i> Bar Ilan University, Israel</p>	<p>MATERIALS INNOVATION AT MERCK: NAVIGATING THE HYPE CYCLE</p> <p><i>Dr. Brian Daniels</i> Merck KGaA, Germany</p>
16:30-16:50	<p>ELECTRONIC PROPERTIES OF CU-CHALCOGENIDES BASED SYSTEMS: FROM NANOCRYSTALS TO THIN-FILM SOLAR CELLS</p> <p><i>Prof. Oded Millo</i> The Hebrew University of Jerusalem, Israel</p>	<p>HIERARCHICALLY-ORDERED NANOPARTICLE/BLOCK COPOLYMER FILMS: INCREASING OUR CONTROL OVER MORPHOLOGICAL PARAMETERS</p> <p><i>Prof. Roy Shterhar</i> The Hebrew University of Jerusalem, Israel</p>	<p>NETHERLANDS MANO INITIATIVE: STRATEGIC RESEARCH AGENDA TOWARDS APPLICATIONS</p> <p><i>Prof. D.H.A. Blank</i> NanoNetNL, The Netherlands</p>
16:50-17:10	<p>QUANTUM MATERIAL FOR WIDE COLOR-GAMUT DISPLAY</p> <p><i>Mr. Shlomo Amir</i> Qlight Nanotech Ltd, Israel</p>	<p>PROGRAMMABLE ON-CHIP DNA COMPARTMENTS AS 'ARTIFICIAL CELLS'</p> <p><i>Prof. Roy Bar Ziv</i> Weizmann Institute of Science, Israel</p>	<p>NANOMATERIALS DEVELOPMENT AND COMMERCIALIZATION AT 3M</p> <p><i>Dr. Michal Vakrat Wolkin</i> 3M, Israel</p>
17:10-17:30	Coffee Break and Visit to Exhibition		
Hall A			
17:30-18:10	<p>Plenary Session 2</p> <p>LIPID NANOPARTICLE SYSTEMS FOR IN VIVO DELIVERY OF SIRNA AND MRNA</p> <p><i>Prof. Pieter R Cullis</i> University of British Columbia, Canada</p>		

Tuesday, 23 February 2016

Plenary Session 3 - Hall A

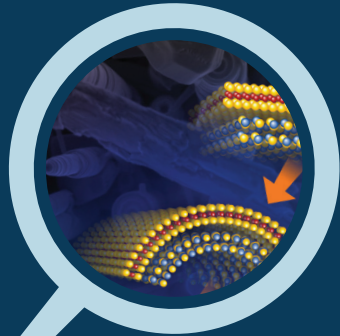
09:00-09:40	<p>CHEMICAL ROUTES TO NANODRAPHENES <i>Prof. Klaus Müllen</i> Max Planck Institute, Germany</p>	
09:40-10:20	<p>NANO BIO MIMETICS: MATERIALS FOR THE FUTURE <i>Prof. Oded Shoseyov</i> The Hebrew University of Jerusalem, Israel</p>	
10:20-10:50	Coffee Break and Visit to Exhibition	
	Hall A	Hall B
10:50-12:50	<p><i>Parallel Session 7 - Bio Materials</i> <i>Chair: Prof. Reshet Tanne</i> Weizmann Institute of Science, Israel</p>	<p><i>Parallel Session 8 - Nano Photonics</i> <i>Chair: Dr. Moshe Oron</i> Kiolambda Technologies Ltd, Israel</p>
10:50-11:20	<p>NANOSCIENCE AND HUMAN DISEASE <i>Sir. Mark Welland</i> University of Cambridge, England</p>	<p>LIGHT MANIPULATION IN BIOLOGICAL SYSTEMS AT THE MICRO- AND NANOSCALE <i>Prof. Dan Oron</i> Weizmann Institute of Science, Israel</p>
11:20-11:50	<p>AN ELECTRON MICROSCOPY VIEW OF NANOSTRUCTURE FORMATION BY SELF-AGGREGATION <i>Prof. Yeshayahu Talmon</i> Technion, Israel</p>	<p>NOVEL APPLICATIONS OF NANO-PLASMONICS IN SUPER-RESOLUTION MICROSCOPY <i>Dr. Yonatan Sivan</i> Ben Gurion University, Israel</p>
11:50-12:10	<p>HOW DO PEPTIDES SENSE A SURFACE: FUNDAMENTALS AND APPLICATIONS <i>Dr. Meital Reches</i> The Hebrew University of Jerusalem, Israel</p>	<p>MANIPULATION OF HARMONICS AND HYBRID LIGHT-MATTER STATES WITH OPTICAL METASURFACES <i>Dr. Tal Ellenbogen</i> Tel Aviv University, Israel</p>
12:10-12:30	<p>BIO-INSPIRED CRYSTAL GROWTH: FROM BAND GAP ENGINEERING TO SINGLE CRYSTALLINE NANO-POROUS GOLD <i>Prof. Boaz Pokroy</i> Technion, Israel</p>	<p>SEEING THROUGH THE FOG: LOOKING INTO OPAQUE SAMPLES AND AROUND CORNERS WITH SCATTERED LIGHT <i>Dr. Ori Katz</i> The Hebrew University of Jerusalem, Israel</p>
		Hall C
		<p><i>Parallel Session 9 - Nano Defense</i> <i>Chair: Mr. Ophir Shoham</i> MAFAT, Israel</p>
		<p>NANO TECHNOLOGY IN DEFENSE IN ISRAEL <i>Dr. Amir Uziel & Dr. Ehud Galun</i> IMOD, MAFAT, Israel</p>
		<p>CURRENT RESEARCH AT THE NAVAL RESEARCH LABORATORY NANOSCIENCE INSTITUTE <i>Dr. Igor Medintz</i> NRL Nano Institute, USA</p>
		<p>SELECTED ACTIVITIES OF WIWEB IN THE FIELD OF NANOTECHNOLOGY <i>Dr. Ines Schneider</i> German Defense Office, Germany</p>
		<p>OPPORTUNITIES IN NANOSTRUCTURES AND NANOMATERIALS FOR DEFENSE APPLICATIONS <i>Mr. Bruno Mortaigne</i> The French Defence (DGA), France</p>

12:30-12:50	NANO CRYSTALLINE CELLULOSE (NCC), BIO-BUILDING BLOCKS FOR TOMORROW'S MATERIALS <i>Dr. Shaal Lapidot</i> Melodea, Israel	NANO-THERANOSTICS WITH PLASMONIC NANOPARTICLES: GOD EXISTS IN THE SMALL DETAILS <i>Dr. Dror Fixler</i> Bar Ilan University, Israel	NANOTECHNOLOGY FOR THE DEFENSE SECTOR IN CANADA <i>Dr. Marie D'Iorio</i> National Institute for Nanotechnology (NINT), Canada	
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
15:30-17:30	<i>Parallel Session 10 - Nano Electronics</i> <i>Chair: Prof. Yuval Garini</i> Bar Ilan University, Israel	<i>Parallel Session 11 - Nano Mechanics</i> <i>Chair: Prof. Dov Sherman</i> Tel-Aviv University, Israel	<i>Parallel Session 12 - Nano Sensors</i> <i>Chair: Prof. Uriel Levy</i> The Hebrew University of Jerusalem, Israel	<i>Parallel Session 13 - Nano Education</i> <i>Chair: Mr. Haim Rouso</i> Elbit, Israel
15:30-16:00	THE "INSTABILITY" OF ORGANIC SOLAR CELLS – TURNING DISADVANTAGES INTO ADVANTAGES <i>Prof. Gitti Frey</i> Technion, Israel	TOWARDS QUANTUM NANOMECHANICS <i>Prof. Ron Lifshitz</i> Tel Aviv University, Israel	NANO-TO-KILO DEVICE FIBERS <i>Prof. Yoel Fink</i> MIT, USA	School Project 1
16:00-16:20	UNSTRUCTURED PHOTOVOLTAIC DEVICES VIA WET PROCESSING OF ORGANIC AND INORGANIC MATERIALS <i>Dr. Iris Visoly Fisher</i> Ben Gurion University, Israel	CAN INORGANIC NANOTUBES REPLACE CARBON NANOTUBES IN POLYMER NANOCOMPOSITES? <i>Prof. Samuel Kenig</i> Shenkar College of Engineering and Design, Israel	CMOS COMPATIBLE GAS SENSOR BASED ON ELECTROSTATICALLY FORMED NANOWIRES <i>Prof. Yossi Rosenwaks</i> Tel Aviv University/Tower, Israel	MASSIVE OPEN ONLINE COURSE IN NANOTECHNOLOGY AND MANOSENSORS: PROMOTING INNOVATIVE THINKING AND MOTIVATION TO LEARN AMONG INTERNATIONAL LEARNING TEAMS <i>Prof. Hossam Haick</i> Technion, Israel
16:20-16:40	SPIN TRANSPORT ACROSS ATOMIC AND MOLECULAR CONDUCTORS <i>Dr. Oren Tal</i> Weizmann Institute of Science, Israel	NANOAIR - PAPER THIN ACTIVE COOLING SOLUTIONS FOR CHIPS AND ELECTRONIC DEVICES <i>Dr. Ziv Hermon</i> Nano Air, Israel	DETECTION AND IDENTIFICATION OF EXPLOSIVES USING LARGE-SCALE ARRAYS OF CHEMICALLY-MODIFIED ELECTRICAL NANOSENSORS <i>Mr. Noam Noy</i> Tracense Systems Ltd, Israel	School Project 2





EXHIBITOR PROFILES



EXHIBITOR PROFILES

Applied Materials

9 Oppenheimer Street.

Rehovot, Israel

Tel: +972 8 9488888

Website: www.appliedmaterials.com

E-mail: Yoram_uziel@amat.com

Contact Person: Yoram Uziel

Company Description:

Applied Materials is the global leader in materials engineering solutions for the semiconductor, flat panel display and solar photovoltaic industries. In Israel, Applied Materials develops, manufactures, markets and supports cutting edge process diagnostics and control equipment.

A.T.S.L- Advanced Technological Solutions Ltd

17th Mondrian Street.

Kiryat Ata, Israel

Tel: +972 4 8482211

Website: www.atssl.co.il

E-mail: ronys@atssl.co.il

Contact Person: Rony Shteinberg

Company Description:

ATSL provides comprehensive sales & service support for scientific instruments, R&D, failure analysis and production systems. We offer diverse technologies including Thin Film measurements, Evaporation, Sputtering, ALD, Dry Etch, PECVD, RIE, Plasma Ashing / Cleaning, Surface Characterization, Roughness, high resolution 2D & 3D Measurements, thermal detection & mapping systems (down to 1mK), Probe stations and more.

AVBA Hi – Tech Services

Ba'alei Ha'melacha Street.

Haifa, 31251, Israel

Tel: +972 4 6449000

Fax: +972 4 6442577

Website: www.avba.co.il

E-mail: taliat@avba.co.il

Managing Director: Victor Orland

Chief Technology Officer: Talia Tzuk

Contact Person: +972 54 5644526

Company Description:

AVBA matches its customers' needs for state-of-the-art equipment and technical services for universities, high-tech industries, research and development institutions, pharmaceutical facilities, hospitals and healthcare organizations.

Bargal Analytical Instruments

Negev St., Airport City, 7010000

Israel

Tel: +972-3-9796-533

Fax: +972-3-9796-538

Website: www.bargal.co.il

E-mail: elad@bargal.co.il

Managing Director: Elad Gillon

Contact Person: Elad Gillon

Company Description:

Bargal Analytical Instruments is one of the leading companies in marketing of analytical instruments in Israel. Bargal represents more than 20 manufacturers, including Thermo Fisher Scientific and serves all fields of research, industry, education and health.

Bar-Ilan Institute of Nanotechnology & Advanced Materials (BINA)

Keren Hayesod 1

Ramat Gan, Israel

Tel: +972 3 5317067

Website: www.nano.biu.ac.il

E-mail: gr.biunano@biu.ac.il

Director : Prof. Yuval Garini

Administrative Manager: Dr. Efrat Bodner

Contact Person: Dr. Efrat Bodner

Company Description:

BINA is a dynamic and growing scientific community of nanoscience professionals with research and collaboration projects on nano-based approaches to energy, materials, magnetism, optics, and biomedicine. BINA boasts 40 cutting-edge laboratories as well as state-of-the art "Scientific Service" facilities for electron microscopy, nanofabrication, surface analysis, fluorescence, and magnetic measurement, all of which are available for use by the wider scientific community.

BGN Technologies Ltd. – Technology Transfer Company of Ben-Gurion University

P.O.Box 56, Beer Sheva 84105, Israel

Tel: +972-8-6461908/9

Web Site: www.bgu.ac.il/bgn

E-mail: orabgn@bgu.ac.il

Director: Netta Cohen

Contact Person: Ora Horovitz

Field of Activity:

BGN Technologies, the technology transfer company of Ben-Gurion University, is responsible for the commercialization of the university researchers' inventions and technologies. BGN is constantly seeking strategic partners, licensees and investors for applications of its Technologies.

Dashro Trade

6 Shikma Street.

Shoham, 6085000, Israel

Tel: +972 52 3227484

Website: www.dashro.com

E-mail: sro@dashro.com

Managing Director : Shlomo Rosenberg

Contact Person: Shlomo Rosenberg

Company Description:

Materials*Process*Analytics*Metrology

Semiconductors and Optronics raw materials, equipment and services: All type of wafers, crystals, ceramics and substrates, target, pure materials, Photo masks ..

Prototyping and fabrication services for MEMS & Nano, and additional FAB services.

FEI Microscopy Solutions Ltd

POB 1079, 1 Hayarden St., Airport City, 7010000

Israel

Tel: +972 73 2560860

Fax: +972 73 2560820

Website: fei.com

E-mail: support.israel@fei.com

Managing Director: Lior Gadot

Chief Technology Officer: Dror Horvitz

Contact Person: Dror Horvitz

Company Description:

Combining hardware and software expertise in electron, ion, and light microscopy with deep application knowledge in the materials science, life sciences, electronics, and natural resources markets, the worldwide FEI team of 2,700+ employees is dedicated to customers' pursuit of discovery and resolution to global challenges.

Getter Group Bio Med Scientific Division

7 Shimshon Street.

Petach-Tikva, 4912502, Israel

Tel: +972 3 5761570

Website: www.getter-biomed.co.il

E-mail: dorid@getter.co.il

Managing Director : Michaela Fuchs

Contact Person: Dori Darvish

Company Description:

Getter Group Scientific Division, specialize in sales and support of scientific equipment for the research & industrial markets in Israel. Representing the leading vendor in the field of HR-SEM, FIB, XRM, and light microscopy from stereo to Confocal.

Kurt J. Lesker Company Ltd.

15/16 Burgess Road, Hastings,
East Sussex, TN35 4NR, England

Tel: +44 1424 458100

Fax: +44 1424 458103

Website: www.lesker.com

Email: emeiasales@lesker.com

Company Description:

KJLC is a global leader in the manufacture and design of vacuum technology products for research and development.

From simple components, vacuum chambers to deposition systems, we work with you to enable your technology.

Visit www.lesker.com to find out more!

EXHIBITOR PROFILES

Mark Technologies

30 Dov Hoz St., Kiryat Ono
Israel

Tel: +972 3 5346822
Website: <http://www.mark-tec.co.il>
Contact Person: Avi Mark

Company Description:

Mark Technologies specializes in Vacuum Technologies. We are a representative company and our partners are leading worldwide manufacturers in their field which together offer a near perfect solution to all your vacuum requirements.

MATIMOP Israeli Industry Center For R&D

Industry House, 29 Hamered Street.
P.O Box 50364, Tel-Aviv, 61500, Israel

Tel: + 972 3 5118107
Fax: + 972 3 5177655
Website: www.matimop.org.il
E-mail: shoshi@matimop.org.il
Managing Director : Michel Hivert
Contact Person: Shoshi Caspi

Company Description:

The Office of the Chief Scientist (OCS) in the Ministry of Economy and industry, as the main governmental support arm for industrial R&D in Israel, provides a broad spectrum of programs for the encouragement of technological entrepreneurship and innovation. These programs help share some of the risks inherent to all R&D activities by means of attractive financing, creation of unique partnerships between industry and academic institutions, facilitation of international cooperation and more.

Medent – Scientific Equipment

Mordey Hagetaot 110
Beer-Sheva, 84206, Israel

Tel: +972 8 6237984
Fax: +972 8 6237287
Website: www.medent.co.il
E-mail: info@medent.co.il
Managing Director : Ilan Traitel
Contact Person: Michel Cohen

Company Description:

Founded in 1964, Medent has developed into the leading supplier of scientific equipment in Israel. Medent represents the industry's leading brand names such as Netzsch Grinding, Netzsch Thermal Analysis, Fritsch, Thermo Scientific, QSONICA.

Meyer Burger (Germany) AG / Dashro trade Israel

An der Baumschule 6-8
Hohenstein-Ernstthal, 09337, Germany

Tel: +49 3723 671 0 / +972 52 3227484
Shlomo Rosenberg
Fax: +49 3723 671 1000

Website: www.microsystems.meyerburger.com
E-mail: Alexander.Hoerold@meyerburger.com / sro@dashro.com
Managing Director: Dr. Margit Sarstedt
Contact Person: Alexander Hoerold / Shlomo Rosenberg – Dashro trade

Company Description:

MicroSystems offers plasma and ion beam technology for ultra-precise surface engineering. We are your professional partner for customer specific tools in high volume production, research and development High-end solutions for high-tech industries.

Ministry of Aliyah and Immigrant Absorption

Hilel 15
Jerusalem, Israel, 94581, Israel

Tel: +972 2 6214579
Fax: +972 2 6214638
Website: www.moia.gov.il
E-mail: omrii@moia.gov.il
Managing Director : Omri Ingber Director of Department Absorption in Science
Contact Person: Hoor Jefet , hoori@moia.gov.il

Company Description:

To facilitate the absorption of the Immigrant or returning resident scientist into the R&D system and academic research institutions in Israel.

NanoCanada

11421 Saskatchewan Drive
Edmonton, Alberta, T6L 6H7, Canada
Tel: +780 641 1612
Fax: +780 641 1601
Website: www.nanocanada.com
E-mail: Janice.warkentin@nrc-cnrc.gc.ca
Managing Director : Marie D'Iorio
Contact Person: Janice Warkentin
Company Description:

NanoCanada is a national initiative that brings together the community to stimulate innovation, enhance R&D capacity and facilitate the development of nanotechnology applications in collaboration with industry.

Nano Instruments LTD

11 Duchifat Street.
Bat – Hefer, 4284200, Israel
Tel: +972 9 8804022
Fax: +972 9 8804033
Website: www.nanoi.co.il
E-mail: info@nanoi.co.il
Managing Director : Gil Amzalag
Contact Person: Gil Amzalag
Company Description:
Nano Instruments Ltd. represents exclusively leading manufacturers. We sell Confocal Raman Microscopes, AFM, AFM Probes and Accessories, In-Situ Heating/Liquids/Gas systems for TEMs and SEMs, Nano-Lithography systems, Micro/Nano Electro-Mechanical testers, Nano-IR systems, SNOM, Particle Sizing systems and Zeta Potential analyzers.

New Technology S.K.

11 Tuval Street.
Ramat Gan, Israel
Tel: +972 3 6792000
Fax:
Website: www.newtech.co.il
E-mail: inga@newtech.co.il
Contact Person: Inga Boguslavsky
Company Description:

A high end representative company of leading worldwide suppliers, offering sales and support for lasers, laser diodes, light sources, motion control systems, vibration isolation systems, photo detectors, Optical, Electro-Optical and Opto-mechanical components, Cameras, Microscopy system, AFM And more

NMPTeAm III

Website: www.nmpteam.eu

Company Description:

NMP TeAm 3 is a Horizon 2020 Project which supports and coordinates activities of the network of National Contact Points in the Industrial Leadership KET Part (Nanotechnologies, advanced Materials and advanced Manufacturing and Processing) of the HORIZON 2020 Framework Programme. The project's mission is to provide consistent, constantly improved and professionalised NCP services across Europe, thereby fostering participation in Horizon 2020 calls, lowering the barriers for newcomers and improving the average quality of proposals submitted.

Qlight Nanotech

Givat-Ram
Jerusalem, 9139002, Israel
Tel: +972 2 5716992
Website: www.merck-performance-materials.com/en/display/quantum_materials/quantum_materials.html
E-mail: shlomo.amir@merckgroup.com
Managing Director: Shlomo Amir
Contact Person: shlomo.amir@merckgroup.com
Company Description:

Qlight Nanotech develops semiconductor nanocrystals that display unique optical and electrical properties. Qlight's nanocrystals enable light conversion from UV and blue wavelengths to any other wavelength in the visible range. The color, or the wavelength, of the light is determined by the nanoparticle's size. This guarantees high energy efficiency and cost savings for solid state lighting (LED) systems, flat panel displays and various other optical applications.

Ramot at Tel Aviv University Ltd.

PO Box 39296
Tel-Aviv, 61392, Israel
Tel: +972 3 640 6608
Fax: +972 3 6406675
Website: www.ramot.org
E-mail: Ramot@ramot.org
Managing Director : Shlomo Nimrodi
Contact Person: Maya Kotler
Company Description:

Ramot is Tel Aviv University's Business Engagement Center, bringing promising scientific discoveries, developed by TAU's scientists, to markets either to multinational corporations or the newly founded companies.

EXHIBITOR PROFILES

Rhenium

20 Hasatat Street.

Modi'in, PO Box 180, Modiin, 71711, ISRAEL

Tel: +972 8 9558888

Fax: +972 8 9969688

Website: www.rhenium.co.il

E-mail: info@rhenium.co.il

Managing Director : Dror Israeli

Chief Technology Officer : Shlomi Livnat

Contact Person: Hadas

Company Description:

At Rhenium we have spent 25 years supplying the most innovative scientific products, and refining our gold-standard service.

Established in 1991, Rhenium is one of Israel's leading suppliers of laboratory, research and diagnostic equipment. We work with top-level manufacturers from around the world to import the best and most suitable equipment for our 15,000 clients, whether for hospitals and clinics, universities and research facilities, or the growing number of bio-tech and diagnostics companies emerging from Israel's burgeoning start-up community.

Rhenium's unique asset is our professional, end-to-end service, made simple by the knowledge and know-how of our talented team. Each team member specializes in a different area of scientific research (most have a Master's degree or above), and they use their expertise to make sure that Rhenium's customers get exactly what they are looking for.

And it doesn't stop there. Our customer service team provides full support at every stage in the process, from initial research to on-site technical assistance.

S.P.T. 3000 Scientific Products and Technology Ltd.

12, Mevo Sivan Street.

P.O.Box 8420, Qiryat Gat, 8202281, Israel

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Fax: +972 72 2222401

Website: www.vis-services.com

E-mail: spt3000@vis-services.com

Managing Director : Alexander Greenberg

Contact Person: Alexander Greenberg

Company Description:

The company is representative of major companies all over the world for nano-technology & analytical equipment.

Technion – The Russell Berrie Nanotechnology Institute

Technion City

Haifa, Israel

Tel: +972 4 8293302

Fax: +972 4 8292418

Website: www.rbni.technion.ac.il

E-mail: rbni@bx.technion.ac.il

Managing Director : Professor Gadi Eisenstein

Contact Person: Tanya Ashkenazi

Company Description:

RBNI- The Russell Berrie Nanotechnology Institute at the Technion

Tel Aviv University

30 Haim Lebanon Street.

Tel Aviv, Israel

Tel: +972 52 2443288

Website: Tau.ac.il

E-mail: jackb@tauex.tau.ac.il

Contact Person: Jack Barokas

Company Description:

EduNano project in the framework of EU Erasmus + Tel Aviv University

The Center for NanoScience and Nanotechnology

Tel Aviv University, P.O. Box 39040

Tel Aviv, 6997801

Israel

Tel: +972 3 6405613

Fax: +972 3 6413404

Website: http://nano.tau.ac.il/

E-mail: infonano@post.tau.ac.il

Managing Director: Zvi Kopolovich

Chief Technology Officer: Valery Garber

Contact Person: Valery Garber, valeryg@tauex.tau.ac.il

Company Description:

Tel Aviv University Center for Nanoscience and Nanotechnology is a multidisciplinary research center committed to advancing society by conducting cutting edge research and by engaging in close and sustainable cooperation with industry and society. Established already in 2000, we pioneered Nanotechnology in Israel and since then we are the leading center in Israel in the field.

Yissum- Technology Transfer Company of the Hebrew University of Jerusalem

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Website: www.yissum.co.il

E-mail: info@yissum.co.il

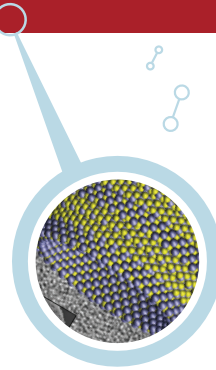
Managing Director : Yaacov Michlin

Chief Technology Officer : Dr. Dov Reichman

Contact Person: Dov.reichman@yissum.co.il

Company Description:

Yissum Research Development Company of the Hebrew University of Jerusalem Ltd. was founded in 1964 to protect and commercialize the Hebrew University's intellectual property. Products based on Hebrew University technologies that have been commercialized by Yissum currently generate \$2 Billion in annual sales. Ranked among the top technology transfer companies in the world, Yissum has registered over 9,148 patents covering 2,575 inventions; has licensed out 825 technologies and has spun out 110 companies. Yissum's business partners span the globe and include companies such as Novartis, Microsoft, Johnson & Johnson, Merck, Intel, Teva, ICL and many more.



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