

NANO ISRAEL
2012

**The 3rd International
Nanotechnology
Conference & Exhibition**

March 26-27, 2012, David InterContinental Hotel, Tel Aviv, Israel

*Science, Technology, Academia
& Industry Come Together*



2nd ANNOUNCEMENT

www.kenes.com/nano

ACKNOWLEDGEMENTS

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Dear Colleagues,

Please join us at **Nanolsrael 2012**, the 3rd International Conference & Exhibition, to be held in **Tel Aviv on 26-27 March, 2012**.

Israel is renowned for its achievements in innovation. Join us to meet the top people on the scientific and business fronts from Israel and abroad presenting cutting-edge technologies, leading scientific achievements and unique business opportunities in

- Nanomaterials
- Energy, Water & the Environment
- Nanoelectronics
- Nanophotonics
- Nanobiotechnology
- Nanomedicine

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 people from science, business and government, the 2nd conference held in Tel Aviv in November 2010 drew 1,000 delegates from 36 countries. Inspired by President Shimon Peres' opening talk, delegates were then able to review the full range of cutting-edge technologies, from scientific innovation presented by Nobel laureate and other top scientists, through "Golden Nuggets" on the verge of commercialization, dozens of innovative start-ups, multinationals seeking collaborations and government agencies.

Nanolsrael 2012 is held in cooperation with the Israel National Nanotechnology Initiative (INNI) and the nanotechnology centers at Israeli universities, and is supported by the Ministry of Trade & Industry, the Foreign Ministry, key companies, universities and organizations from Israel and abroad.

We look forward to welcoming you in Tel Aviv in March 2012.

Sincerely,

Nava Swersky Sofer
Nanolsrael 2012
Co-Chairperson

Prof. Reshef Tenne
Weizmann Institute of Science
Scientific Committee Chairperson

Rafi Koriat
INNI – Israel National
Nanotechnology Initiative
Nanolsrael 2012 Co-Chairperson

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 ranked second and third in the world in 2002, respectively, after countries like Switzerland and Germany (calculated on a normalized basis in 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

COMMITTEES

STEERING COMMITTEE

Nava Swersky Sofer
NanoIsrael 2012 Co-Chairperson

Rafi Koriat
INNI, NanoIsrael 2012 Co-Chairperson

Prof. Reshef Tenne
Weizmann Institute of Science
Scientific Chairperson

Dr. Ora Dar
OCS

Michel Hivert
Matimop

Chemi Peres
Pitango Venture Capital

Dan Vilenski
INNI

Dr. Meir Weinstein
INNI

SCIENTIFIC COMMITTEE

Prof. Reshef Tenne
Weizmann Institute of Science, Chairperson

Prof. Ori Cheshnovsky
Tel Aviv University

Prof. Yuval Golan
Ben Gurion University

Prof. Danny Porath
Hebrew University of Jerusalem

Prof. Yeshayahu (Ishi) Talmon
Technion-Israel Institute of Technology

Prof. Ernesto Joselevich
Weizmann Institute of Science

Prof. Arie Zaban
Bar-Ilan University



INVITED SPEAKERS

(as at November 2011)

Dr. Lital Alfonta

Ben Gurion University of the Negev
Israel

Dr. Nurit, Ashkenasy

Ben Gurion University of the Negev
Israel

Dr. Phaedon Avouris

IBM Research Division, T.J. Watson
Research Center
USA

Prof. David Awschalom

University of California
USA

Prof. Chunli Bai

President, Chinese Academy of Sciences (CAS)
China

Dr. Ehud Banin

Bar Ilan University
Israel

Prof. Anne Bernheim

Ben Gurion University of the Negev
Israel

Prof. Avi Domb

Hebrew University of Jerusalem
Israel

Prof. Yair Ein-Eli

Technion - Israel Institute of Technology
Israel

Dr. Yuval Garini

Bar Ilan University
Israel

Prof. Udi Gazit

Tel Aviv University
Israel

Prof. David Gershoni

Technion - Israel Institute of Technology
Israel

Mr. Avi Hasson

Chief Scientist, Ministry of Industry,
Trade and Labor
Israel

Prof. Moty Heiblum

Weizmann Institute of Science
Israel

Prof. Sumio Iijima

Meijo University, National Institute of
Advanced Industrial Science and
Technology /Nanotube Research Center,
NEC Corporation
Japan

Dr. Shahal Ilani

Weizmann Institute of Science
Israel

Prof. Wayne Kaplan

Technion - Israel Institute of Technology
Israel

Prof. Jacob Klein

Weizmann Institute of Science,
Israel

Prof. Uzi Landman

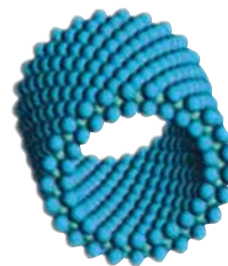
Georgia Institute of Technology
USA

Prof. Shlomo Magdassi

Hebrew University of Jerusalem
Israel

Prof. Amit Meller

Technion - Israel Institute of Technology,
Israel



Dr. Yossi Paltiel

Hebrew University of Jerusalem
Israel

Prof. Fernando Patolsky

Tel Aviv University
Israel

Prof. Nathalie Questembert-Balaban

Hebrew University of Jerusalem
Israel

Mr. Jaideep Raje

Lux Research B.V.
The Netherlands

Prof. C.N.R. Rao

Linus Pauling Research Professor
Jawaharlal Nehru Centre for Advanced
Scientific Research
India

Dr. Hannah Rapaport

Ben Gurion University of the Negev
Israel

Dr. Uri Raviv

Hebrew University of Jerusalem
Israel

Dr. Francoise Roue

Committee for Technologies and Society
French High Council on Industry,
Energy and Technologies, Ministry of
Economy, Finance and Employment,
France

Prof. Israel Rubinstein

Weizmann Institute of Science
Israel

Dr. Boris Rybtchinski

Weizmann Institute of Science
Israel

Dr. Ronit Satchi-Fainaro

Tel Aviv University
Israel

Prof. Mordechai (Moti) Segev

Technion - Israel Institute of Technology,
Israel

Dr. Yoram Selzer

Tel Aviv University
Israel

Prof. Chaim Sukenik

Bar Ilan University
Israel

Prof. Tuomo Suntola

Picosun Oy, Espoo
Finland

Dr. Yaakov Tischler

Bar Ilan University
Israel

Prof. Zhong Lin Wang

Georgia Institute of Technology
USA

Prof. Ira Weinstock

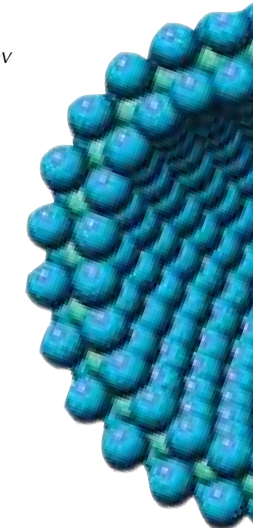
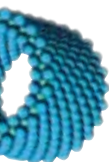
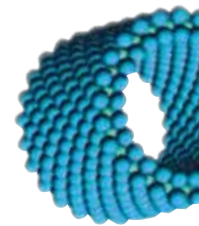
Ben Gurion University of the Negev
Israel

Prof. Alan Windle

Cambridge University
UK



Prof. Arie Zaban

Bar Ilan University
Israel



PROGRAM AT A GLANCE (Preliminary)

MONDAY, MARCH 26, 2012

09:00 - 09:30	GREETINGS			Hall A
09:30 - 10:10	Keynote Lecture			Hall A
10:10 - 10:50	Keynote Lecture			Hall A
10:50 - 11:15	Coffee Break <i>Sponsored by</i>  & Visit the Exhibition			
11:15 - 13:00	Parallel Sessions:			
	NANO MATERIALS	Hall A	NANO MEDICINE	Hall B
			COMPANY PRESENTATIONS	Hall C
13:00 - 14:00	Lunch Break & Visit the Exhibition			
14:00 - 15:00	Basic Science & Application/Industry Orientated Poster Presentations			Poster Area
15:00 - 16:45	Parallel Sessions:			
	NANO ENERGY	Hall A	NANO BIO	Hall B
			'GOLDEN NUGGETS'	Hall C
16:45 - 17:10	Coffee Break <i>Sponsored by</i>  & Visit the Exhibition			
17:10 - 18:30	Plenary Session			Hall A

TUESDAY, MARCH 27, 2012

09:00 - 09:40	Keynote Lecture			Hall A
09:40 - 10:20	Keynote Lecture			Hall A
10:20 - 10:45	Coffee Break & Visit the Exhibition			
10:45 - 12:30	Parallel Sessions:			
	NANO ELECTRONICS	Hall A	NANO APPLICATIONS & INDUSTRY NEEDS	Hall B
			COMPANY PRESENTATIONS	Hall C
12:30 - 13:30	Lunch Break & Visit the Exhibition			
13:30 - 14:30	Basic Science & Application/Industry Orientated Poster Presentations			Poster Area
14:30 - 16:15	Parallel Sessions:			
	NANO PHOTONICS	Hall A	NANO ENVIRONMENT & WATER	
16:15 - 16:40	Coffee Break & Visit the Exhibition			
16:40 - 17:20	Keynote Lecture			Hall A
17:20 - 18:15	Closing Plenary Session			Hall A

PLENARY SESSIONS	PARALLEL SESSIONS	POSTER PRESENTATIONS	COMPANY PRESENTATIONS	KEYNOTE LECTURES	INDUSTRY SESSIONS
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GENERAL INFORMATION

VENUE

David InterContinental Hotel
12 Kaufman Street
P O Box 50155
Tel Aviv 61501, Israel
Tel: +972 3 795 1111
Fax: +972 3 795 1112

LANGUAGE

English is the official language of the conference.

EXHIBITION OPENING HOURS

Monday, March 26	09:00-18:00
Tuesday, March 27	09:00-18:00

CLIMATE AND CLOTHING

Weather in Tel Aviv in March is approximately 23°C during the day.
Clothing is informal for all occasions. Walking shoes are highly recommended.

INSURANCE

The conference secretariat and organizers cannot accept liability for personal accidents or loss of or damage to private property of participants and accompanying persons. Participants are advised to take out their own personal travel and health insurance for their trip.

ORGANIZERS

Kenes Exhibitions
POB 56, Airport City 70100, Israel
Tel: +972 3 972 7500
Fax: +972 3 972 7555
E-mail: nano@kenes.com

PRESENTATION OPPORTUNITIES

POSTER PRESENTATIONS

Extended Deadline: January 5, 2012

Abstracts submitted will be reviewed by the committee for POSTER presentation only.
Poster presentation topics:

- Nanomaterials
- Nanoelectronics
- Nanophotonics
- Nanobio
- Nanomedicine
- Energy, Water & the Environment

COMPANY PRESENTATIONS

Extended Deadline: December 27, 2011

Companies are invited to submit an abstract, which will be reviewed by the committee. The abstract is based on 7 questions:

- Company Overview
- Business Strategy and Value Proposition
- Core Technology
- Pipeline and Product Profile
- Upcoming Milestones and Next Steps
- Competition and Potential Strategic Partners
- Investment Rational

Abstracts must be submitted in English. All accepted abstracts will be included in the conference program.

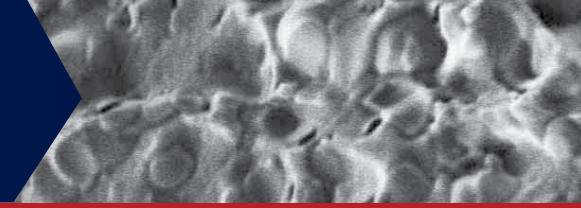
NANO IN THE ART

Submissions must be Uploaded by January 1, 2012

Exhibition and Competition

Top three selected works will be awarded, as judged by a jury of experts in the arts and sciences.

Nanoart features nanolandscapes (molecular and atomic landscapes which are natural structures of matter at molecular and atomic scales) and nanosculptures (structures created by manipulating matter at molecular and atomic scales using chemical and physical processes). These structures are visualized with research tools like scanning



electron microscopes and atomic force microscopes and their scientific images are captured and may be further processed by using different artistic techniques to convert them into artworks showcased for large audiences.

Ten posters only, will be selected for display at the Nanolsrael 2012 Conference.

ISRAELI YOUNG INVESTIGATOR AWARD

Submissions must be received by January 1, 2012

The "Israel National Nanotechnology Initiative" (INNI) together with the "Ministry of Industry, Commerce and Labor", the Organizing Committee for "Nanolsrael 2012" conference and the "Forum of the Heads of the Nanocenters" in the Universities are issuing a call for nomination for candidates to the Israeli "Young Investigator Award" in nanoscience and nanotechnology. The candidate should be an Israeli citizen or permanent resident active in this research field in one of the recognized institutions of higher learning in Israel. The candidate must hold a position in a university up to 10 years. The award will consist of NIS 7000 (US\$ 2000) prize and a plaque. The winner will give an invited talk at the forthcoming Nanolsrael 2012 conference.

Detailed information regarding presentation opportunities can be found via the website: www.kenes.com/nano

NETWORKING

The most comprehensive forum where Nano industry executives, academia, institutional investors, venture capitalists, analysts, researchers scientists and others, have the opportunity to shape the future collaboration landscape, of the Nanotechnology industries.

This Chance2Meet online tool gives you direct access to the other participants' profiles, helps you make new connections and thus maximizing your presence at the event.

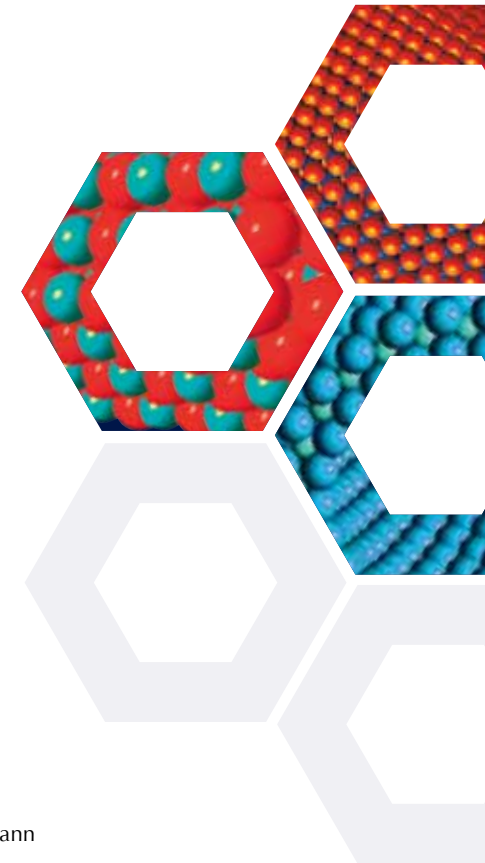
This service is aimed at senior-level executives and includes industry specific software enabling you to pre-arrange 'one-on-one' personalized meetings with desired potential partners.

The service is free of charge to all for the Nanolsrael 2012 event. No payment is required for participating in the networking.

LIST OF EXHIBITORS

(as at November 2011)

A.V.B.A Hitech Services Ltd.
Applied Nanotech, Inc.
Bargal Analytical Instruments Ltd.
BGN Technologies Ltd.
Dr. Golik Chemical Instrumentation
EU Delegation to Israel
Getter Biomed
INNI – Israel National Nanotechnology Initiative
ISERD - The Israel-Europe R&D Directorate
MATIMOP - Israeli Industry Center for R&D
Medent Ltd.
New- Road Agencies (2005) Ltd.
New Technology S.K. Ltd.
PicoTech Ltd.
Ramot at Tel Aviv University Ltd.
Russell Berrie Nanotechnology Institute
T3- Technion Technology Transfer, Technion Research and Development Foundation Ltd.
Texas-Israel Chamber of Commerce
WITec GmbH
Yeda RnD Co., Ltd. Technology Transfer from the Weizmann Institute of Science
Yissum Research Development Company of The Hebrew University of Jerusalem Ltd.



EXHIBITION AND SPONSORSHIP

EXHIBIT AT THE NANOISRAEL 2012 EVENT AND:

- Showcase your technology/product in a special exhibit area
- Generate new leads
- Enhance current business ventures
- Your marketing is aimed to a professional and specific audience
- Have your company profile uploaded on the website and included in material distributed to participants
- Gain unlimited potential for new business ventures

Don't miss out on the opportunity to strengthen your brand and build an image for your company during this spectacular event!

GAIN EXPOSURE BY SPONSORING THE NANOISRAEL 2012 EVENT:

- Acknowledgement in printed conference material
- Acknowledgement on-site
- Company profile uploaded on conference website
- Logo linked to company's site
- Logo included in electronic and direct mailing (sponsors adds only)

Endless opportunities to boost your visibility by sponsoring satellite events, social gatherings, etc. The larger the sponsor the larger the exposure!

For details, please contact Lyne An:
E-mail: lan@kenes.com, Tel: +972 3 972 7598

EXHIBITION DETAILS

Space Allocation

The allocation of space will be on a first come first serve basis, according to the receipt of signed application forms accompanied by payment. Any space reservation made verbally, in writing or by application form without payment, will not be considered binding by the organizers.

Minimum Stand Size

The minimum stand size is 9m².

'Standard' Stand Construction

Exhibitors designing their own stands are requested to observe the following basic regulations:

The 'standard' stand construction package includes:

- White-walls, fitted in an aluminum frame, 250cm high
- Fascia with company name and stand number (in standard lettering)
- One spotlight per 3m² excluding electricity and main connection (the SYMA system)

'Space Only' Option

The 'space only' option includes 2KW of electricity per 15m²

Cost to Exhibit

	US\$ per m ²	NIS per m ² + VAT
Standard Stand	350	1200
Space Only	300	1000

Currency, VAT and Bank Charges

- Prices are in US Dollars and New Israeli Shekels for foreign and Israeli exhibitors respectively
- Israeli exhibitors are liable to pay VAT (currently 16%)
- Exhibitors are responsible for covering bank transfer charges

'Design' Stands, Construction Requirements

Exhibitors designing their own stands are requested to observe the following basic regulations:

- The stand should be bordered with walls measuring the precise size of the stand (width x depth x height)
- The general building height of the exhibition is from 3m to 3m high. A copy of the stand design, showing exact measurements and height, must be presented to Lyne An (e-mail: lan@kenes.com) for approval before January 1st, 2012
- Further information regarding stand construction requirements, e.g. raised platforms, ceilings, etc., will be available in the Exhibitors Service Manual.

Exhibition Hours

Monday and Tuesday, March 26-27, from 09:00 to 18:00 hours.

Build-Up Day

Sunday, March 25 from 08:00-23:00 hours.*

Please note set-up will not be allowed on March 26, as the Exhibition starts at 09:00 hours.

During set-up days, trucks and heavy-duty vehicles can unload the equipment at the designated area of the hotel.

*Hours are subject to change

Dismantling Day

Tuesday, March 27 from 18:00-24:00 hours.

Parking Permits

As a Nanolsrael 2012 Exhibitor, we are pleased to advise that parking will be arranged for the set-up/dismantle days, and the duration of the show. Parking permits will be allocated according to space rented by exhibiting companies. This service is being provided to exhibitors at no extra charge. In addition to permits given, extra permits can be obtained at own cost.

The exhibiting company representative will be notified regarding exact details, closer to the time of the event.

Insurance

The organizers will be responsible for Third Party Insurance, as per the standard procedures at the exhibitions. Exhibitors are advised to purchase insurance policies to ensure their equipment from theft/damage, as well as third-party lawsuits during the exhibition.

Security

General security will be provided round the clock.

REGISTRATION AND ACCOMMODATION

NON-ISRAELI PARTICIPANTS		
	Pre Paid Registration (Until March 1, 2012)	On Site Registration (from March 2, 2012)
Full Participant	US\$ 334	US\$ 375
Daily Participant (per day)	US\$ 190	US\$ 210

ISRAELI PARTICIPANTS		
	Pre Paid Registration (Until March 1, 2012)	On Site Registration (from March 2, 2012)
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 700	NIS 750
Student Daily Participant *^	NIS 360	NIS 390

Please note: All prices for Israelis include VAT (currently 16%)

* Proof of status is required (valid student / university / institute member card) to be sent by fax (03-9727555) or scanned to the attention of NANO registration department.

*^ 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.

In case of change in VAT the registration fee will be updated accordingly.

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



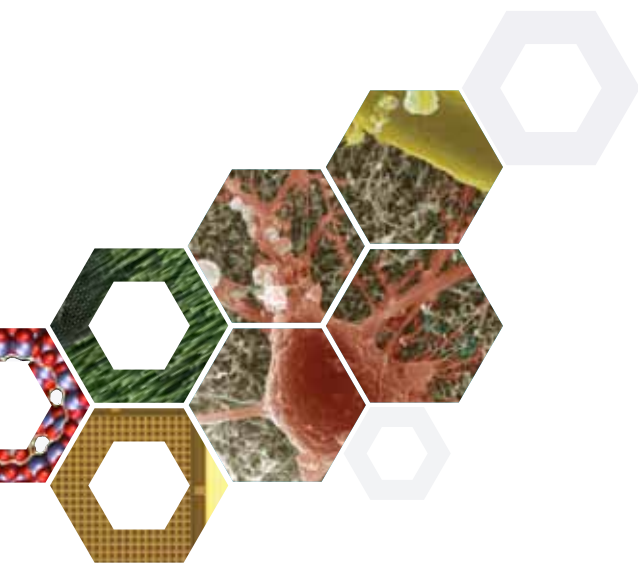
Registration fees for participants include:

- Participation in all sessions
- Entrance to the exhibition
- Printed material of the conference
- An invitation to the Welcome Cocktail on Monday, March. 26
- Lunch on Monday, March 26 &/or Tuesday, March 27
- Light refreshments at coffee breaks
- Networking (One-on-one meetings)

Discounted rate for group registration (10 participants and up).
Please contact Reg_nano2012@kenes.com

Hotel accommodation has been blocked for conference participants at the venue
(David InterContinental Hotel) and surrounding Tel Aviv hotels, at discounted rates.

For additional registration and accommodation details, and forms: www.kenes.com/nano



ABOUT TEL AVIV

Tel Aviv, often called 'the city that never stops', was the first modern Jewish city built in Israel and is the country's economic and cultural center. It also now has the distinction of being named a top tourist site by major tourist publications.

Tel Aviv is a national center of rich, innovative and popular culture which serves not only the residents of the city, but the entire country. It is also a huge employment and production center and was recently proclaimed one of the ten high-tech capitals of the world.

Visible from a distance with its seafront skyscrapers and exclusive hotels, Tel Aviv presents a lively combination of entertainment venues, shopping malls, exotic markets, nonstop active nightlife, gorgeous golden beaches and wonderful restaurants of all kinds.

The special blend of Mediterranean ambience, seaside resort and modern façade is what makes the city so uniquely appealing.

Stretched along the beautiful beach strip of the Mediterranean, Tel Aviv is Israel's largest city and biggest commercial center. It is a busy metropolis, which inspires its visitors with a unique energetic atmosphere of excitement and fun.

Visible from a distance with its seafront skyscrapers and exclusive hotels, Tel Aviv presents a lively combination of entertainment venues, shopping malls, exotic markets, nonstop active nightlife, gorgeous golden beaches and wonderful restaurants of all kinds. It is also the country's greatest cultural center, a home for a variety of museums, galleries, theatres and concert halls.

By contrast, the ancient port city of Jaffa is medieval in appearance.

This special blend of Mediterranean ambience, seaside resort and modern facade is what makes the city so uniquely appealing.

DAVID INTERCONTINENTAL FLOORPLAN

