

2nd OASIS

March 16-17, 2009
Israel Trade Fairs &
Convention Center Tel-Aviv, Israel
www.engineers.org.il

The 12th Meeting on Optical Engineering and Science in Israel
הכינוס השנים עשר לאופטיקה, אלקטרו-אופטיקה והנדסה אופטית

Dear Friends and Colleagues,

Following the great success of the first renewed OASIS meetings, it gives us great pleasure to invite you to the 2nd OASIS meeting, which will be held in March 2009. This is actually the 12th meeting on optical engineering and science in Israel. The purpose of the meetings is to present the latest advances in the field of electro-optics worldwide, as well as be a showpiece for Israeli electro-optics and laser research and technologies. This meeting will focus on encouraging interdisciplinary research as well as international cooperation. The meeting will take place in Ganai Hatarucha over two days, with three parallel sessions each day. During the meeting we will present special awards to some of the pioneers of electro-optics in Israel. An exhibition of optical equipment and systems will take place on site – parallel to the sessions. I am counting on your help to make this again a very successful event.

With over ten thousand electro-optics professionals involved in six universities, four colleges and over 250 companies, optics has continued to grow into new fields and applications. Remarkably, the burst of the 2000 optical communications bubble did little to slow the growth of this industry in Israel.

The program of the forthcoming meeting reflects some areas of traditional interest, such as Optical Communications, Optical Inspection, Optics in Medicine and Remote Sensing as well as exciting developments in Homeland Security, Spatial Light Modulators, Displays, Illumination, Lasers, Non Linear Optics and Environmental Monitoring. Emerging new fields such as Quantum Optics, Micro-and Nano- Optics encompass novel discoveries, and are expected to rapidly permeate the industry.

The target audience includes optical scientists and engineers working in these fields. We encourage students from all institutions of higher learning to participate in this meeting. It will expose them to the latest research and development, and help them interact with representatives of Academia and Industry.

Looking forward to seeing you all at our second OASIS meeting.

Prof Abraham Katzir,
Chairman, Organizing Committee

First Announcement

Key Topics:

- Optical devices and Communications (Zeev Zalevsky – Bar Ilan University)
- Displays and Spatial Light Modulators (Uzi Efron – Ben Gurion University)
- Optics in Medicine and Biology (Abraham Katzir – Tel Aviv University)
- Lasers and Applications (Itzhak Schnitzer - RAFAEL)
- Ultrafast Phenomena (Hagai Eisenberg – Hebrew University)
- Non Linear Optics (Ady Arie – Tel Aviv University)
- Electro-optics in Defense & Security (Itamar Shoshan, Elbit Systems - Elop)
- Micro & Nano Optics, Periodic Structures and Coatings (Erez Hasman - Technion)
- Quantum and Atomic Optics (Nir Davidson – Weizmann Institute)
- Remote Sensing, Imaging and Lidars (Ariel Cohen – Hebrew University)
- Electro-Optics in Industry & Inspection and Vision (Doron Meshulach- Applied Materials)
- Solar Cells (Uzi Efron & Jeff Gordon, Ben Gurion University)

Local Organizing Committee

- Prof. Abraham Katzir – Tel Aviv University (chair)
- Prof. Ady Arie – Tel Aviv University
- Prof. Nir Davidson – Weizmann Institute
- Dr. Hagai Eisenberg – Hebrew University
- Mr. Yonatan Oron – AEAI
- Mr. Joe van Zwaren - Leviatan Energies
- Mr. Itamar Shoshan – Elbit Systems - Elop
- Prof. Zeev Zalevsky – Bar Ilan University
- Prof. Ariel Cohen – Hebrew University
- Prof. Uzi Efron – Ben Gurion University
- Prof. Erez Hasman – Technion
- Mr. David Poleg – Lahat
- Dr. Ariel Sher - Soreq NRC
- Dr. Itzhak Schnitzer – Rafael
- Dr. Doron Meshulach- Applied Materials

Registration Fees Technical Exhibition

To be determined

A technical exhibition will be held in conjunction with the meeting.

Abstracts

Deadline for Abstract Submission: January 1st, 2009

Please observe the following instructions for submission of abstracts of the lectures and posters:

The abstract should be submitted on one page in Word format (.doc), preferably at 1.5 spacing using a 12-point size Times New Roman font. The page size is A4, with 2.5 cm margins on all sides. The title should be centered, in capital letters. The name(s) of the author(s) should follow, with two-line spacing; the name of the speaker should be underlined.

The affiliation (name and address of the organization/university) should follow, as well as the E-mail of the speaker. If applicable, the home page URL of the speaker should also appear. The abstract itself should contain only regular alphanumeric symbols (No Greek letters etc.).

The abstract should be E-mailed According to the details below.

Please indicate to which session you would like to submit your abstract.

Secretariat

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