



Propulsion Branch
IMOD



DEPARTMENT OF
AEROSPACE ENGINEERING



Propulsion Branch
IAF

Turbo and Jet Engine Laboratory
Faculty of Aerospace Engineering
Technion, Haifa

<http://jet-engine-lab.technion.ac.il>

THE 13TH (Bar Mitva) ISRAELI SYMPOSIUM ON JET ENGINES AND GAS TURBINES

Venue: Building of the Faculty of Aerospace Engineering

**Thursday, November 6 2014 (9:00-17:00),
*Technion, Haifa***

This year, as in the previous years, we plan to hold the Israeli Symposium on Jet Engines and Gas Turbines. During the last few years there has been a considerable expansion of activities in Israel in turbo jet propulsion. This is in addition to the serial production of small engines, increased electricity generation using gas turbines and combined cycles, production of various engines' spare parts and maintenance work. In Israel, many bodies are active in jet engines and gas turbine area, including: MAFAT (MoD), IAF, Israel Navy, EL-AL, IAI, Beit Shemesh Engines, RAFAEL, TAAS, ORMAT, Israel Electric Corporation, R-Jet & Becker Engineering, the Technion and more.

Improved engineering & technological innovations and new projects in Israel calls for continued professional meetings; for the exchange of information, for cross-pollination and for creating a fertile seedbed for cooperation. During the previous twelve symposia, in every one, more than hundred scientists and propulsion engineers met and presented their work from the various industries, the MoD and Academia. These symposia were a success, wetting the appetite for more such meetings.

The 13th symposium will be the Bar Mitzva one, already mature and established symposium. It will include invited introductory lectures on selected subjects (from large engine manufacturers and Academia). In addition there will also be presentations that concern activities in different Israeli industrial firms, institutes and universities as well as an open discussion and, upon request, a tour to the faculty's renovated Turbo and jet Engine laboratory. This will also be a good opportunity for professional meetings, exchange of ideas and presentation of jet engine models and products from various companies.

During the symposium there will be an opportunity to discuss all topics relevant to jet engines and gas turbines, including aerodynamics of turbo-machines, combustion, heat transfer, structures and dynamics, simulations, control, production processes and maintenance, combined cycles and more. Preference will be given to subjects of interest in Israel. The first half of the symposia (till lunch time) will be held in English.

This year there will be a special exhibition where different Israeli companies will present some of their products, including complete jet engines and associated components.

Price is 250 NIS (including lunch and book of abstracts). Full time students (graduate and undergraduates) are granted with free symposium registration (but without the lunch...). Payment to the symposium should be sent in advance by check, payable to "Technion", addressed as listed below. In special cases, one can register on the day of the symposium.

All presentations will be published in full, or as a "censored" version, after the conference on the conference website.

Those who wish to participate are asked to send the stub attached, mail, fax or e-mail, before the September 1st 2014 to the address listed below.

Looking forward to seeing you at the symposium,

Professor Yeshayahu Levy
Chairman of the symposium

To: Professor Yeshayahu Levy

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I would like to attend the conference,

- Attached is a check for NIS 250 payable to "Technion".
- I intend to register on the symposium day.

I recommend to send this note to:

