

**11th ISRAELI SYMPOSIUM ON JET ENGINES & GAS TURBINES
OCTOBER 25 2012**

Butler Auditorium, Forchheimer Building, Neaman Institute (Building #260), Technion, Haifa

08:00 - 09:15	הרשמה (Registration)
09:15 - 09:35	Opening:
	Prof. Yeshayahou Levy, Chairman, Head, Turbo and Jet Engine Laboratory, Faculty of Aerospace Engineering, Technion.
	Prof. Yoram Tambur , Dean, Faculty of Aerospace Engineering, Technion.
	Ltc. Roni Gordana, Head, Propulsion Systems Branch, Aeronautical Division, MOD.
	Lt.Col. Shlomi Konforty, Head of Propulsion Branch, IAF
09:35 - 13:00	9:30 - 12:35 מושב ראשון (First Session, GUEST SPEAKERS, English) - Auditorium
	Session Chairman: Moshe Levy, IAF
A1	Tom Johnson, United Technologies / Pratt & Whitney, F-35 Aircraft / F135 Propulsion System Design and Development Integration Challenges
A2	John Quinn General Manager. GE Military Propulsion Engineering, GE,, "Emerging Trends in Aviation Propulsion"
10:55 - 11:15	הפסקה וכיבוד קל (Break and refreshments)
A3	David Ogden and Susan Zubik, Southwest Research Institute® (SwRI®), Texas, USA, "A Multivariate Statistical Approach to Improved and Automated Engine Trending and Diagnostics (ET&D)"
A4	Boris Glezer, Optimized Turbine Solutions, USA, "Engine Thermal Transient Problems and Possible Solutions"
A5	Stefano Bianchi, Rolls-Royce plc, Derby, UK, "Tip Noise Passive Control in Low Mach Number Axial Fan"
13:00 - 14:00	ארוחת צהריים (Lunch)

14:00 - 15:15	Second Session- AERO-THERMODYNAMICS (English) - Auditorium
	Session Chairman: Savely Khosid, Rafael
A6	<i>Louis M. Larosiliere, Concepts NREC, Vermont, USA, " High-Efficiency, Wide-Operability, and Highly-Loaded Axial Compressors: Case History of Potential Impact of 3D Aerodynamic Inverse Design Technique "</i>
A7	<i>Beni Cukurel, Technion, "Principle And Practice Of Hotwire Constant Temperature Anemometry In Turbomachinery Applications"</i>
A8	<i>Andy Martin, Technical Support/Sales Manager, ZOK International Group Limited, "Compressor Cleaning in Demanding Environments"</i>
15:15 - 15:30	הפסקה וכיבוד קל (Break and refreshments)
15:30 - 16:45	Third Session - CYCLES & OPERATION (Hebrew)
	Session Chairman: Savely Khosid, Rafael
A9	<i>D. Lior, RJet, "Turbocharging of microturbines"</i>
A10	<i>Leitner Amiram and Zeev Shavit Rafael and Beker Engineering, "On the Development of Air Cycle Machine for Cooling Airborne Pods"</i>
A11	<i>Ofer Weiss, Albert levy, Bet Shemesh Engines Ltd, Israel, "Influence of casting process on natural frequencies of turbine blades"</i>

14:00 - 15:15	Forth Session - SYSTEMS (Hebrew) – Side Hall
	Session Chairman: Dr. Albert levy, Bet Shemesh Engines
A12	<i>Y. Hain, Dr. B. Chudnovsky, N. Rappoport, M. Reshef, Israel Electric Corporation (IEC) S. Baitel - DOR Chemicals, Haifa, "Methanol, as a low cost alternative fuel for emission reduction in gas turbines"</i>
A13	<i>Ilan Berlowitz, Bedek Aviation Group, IAI, "Continued Airworthiness Aircraft Engine Interface"</i>
A14	<i>Effie Mouzikansky, IAF "בניית מנוע ל (Accelerated Mission Test) AMT"</i>
15:15 - 15:30	הפסקה וכיבוד קל (Break and refreshments)
15:30 - 16:45	Fifth Session - MAINTANANCE (Hebrew)
	Session Chairman: Yitzhak Hochmann, Edmatech
A15	<i>Eyal Aronson, IAF, "Investigation of JT3D's Nozzle Guide Vanes failure".</i>
A16	<i>Yosi Kazas, IAI "מגמות בשוק MRO למנועים"</i>
A17	<i>Prosper Dayan, Phase3 Technologies Ltd, "Maintenance system for rotating machines with electrical connection"</i>