

8.11.13

Subject: Report on Workshop on Advances in Aero-thermal Turbine Design and Analysis

On November 4th 2013, for the first time, a turbomachinery workshop organized by Asst. Prof. Beni Cukurel was held at the Technion Aerospace Department. The training activities geared towards creating a platform for world's leading minds in the field of turbomachinery to come and share their knowledge with students, members of academia and industry.

This year we had the honor of hosting Prof. Srinath Ekkad from Virginia Tech. and Prof. Guillermo Paniagua from von Karman Institute, who presented their industry relevant academic knowledge on recent technological developments in modern high-pressure turbines.

Throughout the full day training session, we can summarize the discussed topics under the following categories:

- Turbine Steady and Unsteady Aerodynamic Design
- Thermal Design of Hot Gas Path Components
- Measurement Techniques and Testing in Engine Representative Conditions

The event included participation of 41 audiences: including members from 2 branches of MAFAT, 7 members of Israeli Air Force, 7 members of Bet Shemesh Engines, 6 members of Rafael, 1 member of Israeli Aircraft Industries, in addition to Aerospace Department faculty/staff/students. We have received significant positive feedback from all those who attended the sessions.

Thank you for your support,

With best regards,

Asst. Prof. Beni Cukurel