

09:15-09:30	Welcome		
09:15-09:25	Opening remarks: Arik Braverman, Chairman- Numerical Analysis in Engineering Section		
09:25-09:30	Roni Gordana, Co-Chairman- The Israeli Society of Mechanical, Aviation and Aerospace Engineers		
09:30-11:00	Session 1		
09:30-10:00	Prof. Charles Hirsch	Invited lecture: Towards Enhanced Reliability in CFD predictions	NUMECA, Belgium
10:00-10:30	Ariel Cohen	Lagrangian Injection Simulation of a Slinger Combustor	Bet Shemesh Engines Ltd
10:30-11:00	Arik Braverman	AI Topology Optimization	CadCam
11:00-11:30	Break		
11:30-13:00	Session 2		
11:30-12:00	Jonathan Silver, Ph.D.	Vibroacoustic Validation and Method for Uncertainty Analysis	Israel Aerospace Industries Ltd
12:00-12:30	Yael Yasur, Ph.D.	Numerical simulations in medical applications	Rotem Industries Ltd., Israel
12:30-13:00	Gili Omri	Non-Rigid Tolerance Variation	TES-RnD
13:00-14:00	Break		
14:00-15:30	Session 3		
14:00-14:30	Hadar Ben-Gida, Ph.D.	Detached-eddy simulations of the transonic flow of a generic jet-fighter weapon bay with a store	Israeli Air Force
14:30-15:00	Donna Netanel. and Elchanan hoffer horneman	The Tunnel to The Underground - Fire, Smoke and Egress Dynamics - Numerical simulations in the service of Fire Life Safety	S.Netanel Engineers Consultant Ltd
15:00-15:30	Konstantin (Kostya) Arhiptsov	Fluid structure interaction modeling of the effect of the cerebrospinal fluid on spinal cord traumas	TAU
15:30-16:00	Philippe Laguna	Sponsored Lecture: Solving electronics reliability challenges early in the design using Ansys Discovery upfront simulation	Ansys
16:00-16:15	Closing remarks		

*Only the Opening and the Sponsored Lectures will be given in English. All other lectures will be given in Hebrew.