

INVITATION & PROGRAM FOR MARCH 19, 2024

CONFERENCE DAY ON

THE FUTURE OF SYSTEMS ENGINEERING-CHALLENGES & OPPORTUNITIES

מוסד נאמן | בניין פורשהיימר | אולם בטלר | טכניון חיפה

ORGANIZED BY THE GORDON CENTER FOR SYSTEMS ENGINEERING
WITH THE SUPPORT OF IAI, RAFAEL, INCOSE_IL

IN CONJUNCTION WITH JOSEPH LEWIN DAY FOR SYSTEMS ENGINEERING



8:00-9:00	Gathering
9:00-9:30	Opening: <ul style="list-style-type: none">▶ Prof. Yossi Ben-Asher- The Gordon Center for Systems Engineering, Technion▶ A Representative of ISRAEL AEROSPACE INDUSTRIES (IAI) Management▶ A Representative of RAFAEL Advanced Weapon Systems Management▶ INCOSE Israeli Chapter (Incose_IL) President▶ Prof. Yoram Reich- Tel Aviv University Systems Engineering Research Center (TAU-SERI)▶ Joseph Lewin Family▶ Excellent Systems Engineers Awards Ceremony
9:30-10:00	Prof Yossi Ben-Asher, The Gordon Center for Systems Engineering, Technion- Achieving Optimal Performance by AI
10:00-10:45	Brigadier General Oren Giber, Commanding General of the Israeli Merkava & Armored Vehicles Directorate, Israel Ministry of Defense-Advanced Systems Engineering Perspectives for Smart Weapon Systems
10:45-11:15	Dr. Tomer Simon, Chief Scientist Microsoft Israel R&D Center- Emerging Technologies-Vision and Reality
11:15-11:45	Coffee Break
11:45-12:15	Prof. Yoram Reich, Tel Aviv University Systems Engineering Research Initiative (TAU-SERI)- Systems Engineering in 2050 – should we care today?
12:15-12:45	Dr. Ori Orhof, Orhof Consulting- Airports Planning: A System-Of-Systems Approach
12:45-13:30	Lunch Break
13:30-14:00	Prof. Dov Dori, Technion- Models from Text as System Drivers: The Next-Generation MBSE
14:00-14:30	Dr. Sharon Shoshany Tavory, Technion, Eran Peleg, Metaphor, Dr. Avigdor Zonnenshain, The Gordon Center for Systems Engineering, Technion, Dr. Tanja Schwier, RAFAEL Ltd, Olga Gelfenstein-Westfried, Midbar 21 Ltd, Or Nadler, RAFAEL Ltd- Going beyond the systems model: Integrating Safety and Reliability Concerns
14:30-15:00	Oren Harel, Director Systems Engineering, ELTA Systems Ltd.- System Engineering & Innovation Opportunities and Risks in the Future
15:00-15:30	Dr. Irit Peled, Chief Systems Engineer, RAFAEL Advanced Weapon Systems - RAFAEL Perspectives on Future System Engineering
15:30-16:15	Prof. Thomas Allen McDermott, Systems Engineering Research Center (SERC) CTO, Stevens Institute of Technology- The Future of Systems Engineering-Challenges & Opportunities
16:15-16:30	Conclusions and Way Forward- Prof. Yossi Ben-Asher, Prof. Yoram Reich, Dr. Avigdor Zonnenshain

Registration for the symposium is free

Please confirm your registration by 1.3.24 via the link below:

[Registration to the Systems Engineering Seminar 19.03.2024](#)