

כנס הנדסת רכב ותעשיית הרכב היצרנית



כפר המכבייה, רמת גן
27.2.2018

Vehicular Engineering and Vehicle Manufacturing Industry Conference

Tuesday, 27th February 2018, Kfar Maccabiah, Ramat Gan

08:00-09:00	Registration and light refreshments
09:00-09:30	Engineer Ehud Nof/Chairperson Association of Engineers and Architects Mr. Steff Wertheimer – Industrialist Engineer Emanuel Leeban/Chairperson of the Society of Mechanical and Aviation Engineers, Association of Engineers and Architects Engineer Avner Plor/ Deputy Director, Ministry of Transport Engineer Yaki Anoch/Chairperson Vehicle Importer's Association Engineer Shmuel Ben Ari/Chairperson Vehicular Engineering Department, Association of Engineers and Architects
09:30-10:00	Greetings from the Minister of Transport
10:00-10:20	Hayder Wokil / Automation and Mobility Director ,Volvo Truck's Automation Insight
10:20-10:40	Joe Barkai / Chairman of SAE's Vehicle IoT Program From Technical Standards to Mobility of the Future - a Vision for Pan-Industry Collaboration
10:40-11:00	Smart transport in the era of automatic vehicles / Dr. Hannan Gabbai, ITS Israel
11:00-11:30	Intermission and visit to exhibition

Morning Session

Session 1 / Vehicular Engineering Session Chair: Einat Segel, Director Standards and Engineering dept., Ministry of Transport	Session 2 / Engineering and Vehicle Manufacturing Industry Session Chair: Dan Herman, Head of Vehicle Center, AFEKA Academic College of Engineering	Session 3 / ITS - The Israeli Association for Intelligent Transportation Systems Session Chair: Ur Omry / ITS Association
11:30-11:50	11:30-11:50	11:30-11:50
Vehicle Trends / Colonel Tal Aharon, Head of Maneuverable Vehicles Dept., IDF *Dependent on final approval	Complex Materials for Mass Production in the Transportation Industry / Dr. Felix Izsak, Plassan Sasa.	The Israeli Association for Intelligent Systems in Transport / Ur Omry – Chairperson ITS.
11:50-12:10	11:50-12:20	11:50-12:30
New Policies for Model Approval / Yaakov Shem Tov, Head Engineer, Vehicle Dept., Ministry of Transport	Experts Panel: Alternative materials to reduce vehicle weight. Moderator: Dan Herman, Head of Vehicle Center, AFEKA Academic College of Engineering. Panel members: Dr. Felix Izsak, Plassan, Sasa; Amitai Ben-Horin, Arkal Automotive; Oman Pressure Castings; Nir Moskovith, Israel Chemicals.	Global Trends in Intelligent Transport and National Programs for their Implementation in Israel / Daniel Tzucker, Manager Local Market, The National Program for Alternative Fuels and Intelligent Transport, the Prime Minister's Office.
12:10-12:40	12:20-12:40	12:30-13:00
Solutions for Real Driving Emission Measurements / Engineer Natalie Baltés, Product Manager, Engineering, Horiba, Germany	The revolution in vehicle structure and systems as an answer to the electric, connected, automatic vehicle revolution / Dan Herman, Head of Vehicle Center, AFEKA	The paradigm change in vehicle ownership – the challenge after the technology /Israel Ron, Spotam.

	Academic College of Engineering and Nir Kahana, Plassan, Sasa	
12:40-13:00	12:40-13:00	
Reducing Particle Emissions from Older, Heavy Vehicles / Dr. Leonid Strarkovski, Head of the Internal Combustion Engine Laboratory, Technion, Haifa	A Review of Autonomous Vehicle Development in Aviation Industry and a Look to the Future / Meir Shabtai, Deputy CEO, Robotic Systems.	
13:00-14:00		Lunch

Afternoon Session

Session 1 / Vehicular Engineering Session Chair: Nehemiah Golan	Session 2 / Engineering and Vehicle Manufacturing Industry Session Chair: Eli Mimon	Session 3 / ITS - The Israeli Association for Intelligent Transportation Systems Session Chair: Dr. Hannan Gabbai, ITS Israel
14:00-14:30	14:00-14:20	14:00-14:20
How are the educational and training systems rethinking their approach to prepare for a world of intelligent transport? / Hagit Ellias, CEO "Technological Empowerment Ltd." (Public Benefit Corporation, partner with 1`4 vehicle importers, the Importers Association and the "BeYachad" Foundation.	The Challenges Facing Automotive Suppliers Interested in Forming Relationship with OEMs & Tier 1 Suppliers Uri Pachter /Faurecia xWorks	Israel's Readiness for the Era of the Connected Car / Prof. Arel Aveneri, Afeka - AFEKA Academic College of Engineering in Tel Aviv
14:30-15:00	14:20-15:00	14:20-14:40
Kia's "Nero" Hybrid / Dr. Avi Balls, Technical trainer, Tallcar.	Expert Panel: The work of Israel sub-contractors versus, OES and OEM in terms of MOP, engineering and project management. (The session is in English) Moderator: Uri Pachter ,Faurecia xWorks Panel Members: Florian Haas, Purchasing Manager at General Motors Amos Nevo, V.P Marketing and Business Development, Foamotive; Amitai Ben-Horin, VP R&D and Engineering Arkal Automotive; Ravit Levy-Dadon, Senior Marketing Manager at Tadirgan Group	Cyber Challenges in the Era of the Autonomous Vehicle / Dvir Raznik, HARMAN
15:00-15:20		14:40-15:10
Development of Electric Vehicles in the IDF / Major Guy Shuster, Head of Vehicle Systems Dept. *Subject to final approval.		Integration of Autonomous Vehicles in Public Transport Systems / Gadi Shlaski, Optirobs
		15:10-15:30
		Road Safety in the Transition Period to Autonomous Vehicles / Dr. Moshe Bakar, Academic Administrator, Transportation, Galil College.
15:20-15:40	15:00-15:20	15:30-16:00
Israeli Development of Lightweight Engine Pistons / Engineer Odded Dahan.	Review of the Vehicle Systems Manufacturing Industry in Israel / Eli Mimon, CEO the Israel Vehicle Industry Institute.	Expert Panel: Integrating the Industry in Intelligent Vehicles. Moderator: Israel Ron, Spotam. Panel Members: Ze'ev Shadmi, Head of Technological MOP Dept., Chief Scientists Office, Ministry of Transport; Boaz Memo, CEO Drive; Ur Omry, Chairman ITS Association; Joe Barkai, SAE; Dr. Asaf Formosa, City Transformer.
15:40-16:00	15:20-16:00	
The Technion is Preparing the New Generation of Vehicle Engineers / David Nimri and David Disckin	Expert Panel: Relationships Between the Industry and Government Moderator: CEO the Israel Vehicle Industry Institute. Panel Members: Yigal Guravitch, Manager of the Industrial Cooperation Division; Yariv Bachar, Manager, Chinese Division and Manager of Help Systems, the External Trade Division; Sagiv Elad, Manager of Vehicle and Sub-Contractor Division, the Export Institute; Ronen Yoeli, CEO Oman Pressure Castings; Mishi	

	Horovitch, CEO Alex Original; Avner Shadmi, Head of Traditional Industries/the Innovations Authority.	
16:00-17:00	Short Presentations of initiatives in the field of conventional vehicles/Economotion. Moderator: Orli Dahan	
17:00	End	

- Program changes are possible.