

PRODUCTION AND DISTRIBUTION OF ENERGY IN ISRAEL AND THE WORLD

We invite you to join the following lectures

Sunday - October 15, 2023

Technion, Department of Biotechnology & Food Eng., Auditorium



09:00-09:15	Opening and introduction - Prof. Viatcheslav Freger, Grand Technion Energy Program; Liat Lerner, Eilat-Eilot Renewable Energy
09:15-10:15	The Return of the Machine: Why renewable based heat engines are the base for sustainable future - Prof. Carmel Rotschild, Faculty of Mechanical Engineering, Technion
10:15-11:15	The electricity sector in Israel: structure, key players, policy, barriers and opportunities - Dr. Nurit Gal, former VP of electricity and regulation at the Electricity Authority, energy expert and consultant to companies
11:30-12:30	Environmental Policy - Prof. Daniel Orenstein, Faculty of Architecture and town Planning, Technion
13:30-14:30	Emission reduction mechanisms and carbon trade - Dr. Avi Luvchik, managing partner of Noah Capital Investment Fund, CEO and co-founder of Oporto Carbon
14:45-15:45	Energy independence from renewables as a basis for national energy security: Israel's preparedness for energy threats - Dr. Dan Weinstock, former head of the Electricity Administration at the Ministry of National Infrastructures, private consultant in the energy sector
16:00-17:00	Waste and recycling in construction and industry - Prof. Konstantin Kovler, Civil & Environmental Engineering, Technion



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We invite you to join the following lectures

Sunday - October 22, 2023

Technion, Department of Biotechnology & Food Eng., Auditorium



09:00-10:00	The electric vehicle revolution: electric and smart public transportation solutions, wireless electricity as an infrastructure for electric transportation, applications for the field of storage and charging, issues related to the electric grid - Noam Ilan, CEO ViaCool
10:15-11:15	The energy innovation community: introduction to the community and an overview of the energy market in Israel - Amos Lasker, director of the energy community in Israel EnergyCom
11:30-12:30	Electricity from geothermal sources: the right way for perfect execution - Gadi Shoshan, International Sales and Marketing Director - Ormat
13:30-14:30	Circular economy: adoption of circular thinking, application in industry and in general, saving resources, advantages and reviews - Avi Blau, head of the Afeka Institute for Circular Economy and Engineering, Afeka College
14:45-15:45	Hydrogen Valley: A New Hydrogen Economy in Israel - Gil Shavit, Co Founder and Chief Business Development Manager, GENCELL
15:45-16:30	Summary and feedback - Prof. Yaron Amouyal, Department of Materials Science and Engineering, Grand Technion Energy Program, Technion; Liat Lerner, Eilat-Eilat Renewable Energy

**ACADEMIC MANAGEMENT: PROF. YARON AMOUYAL,
DEPARTMENT OF MATERIALS SCIENCE & ENGINEERING, TECHNION**



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*THERE MAY BE CHANGES IN THE PROGRAM