

The Annual International Convention Electricity & Energy 2025

November 11–15, 2025 | Eilat, Israel

Call for Papers

Conference Chairman: **Dr. Ilan Suleiman**, **Vice-Chairmans:** **Igor Aronovich** and **Rafi Aharoni**

The annual conference of SEEI will focus this year on developing the electricity sector areas in the era of decentralized production and energy storage, preparing and reserve of engineers, designing and executing mega projects, ways to increase production from renewable energies, developing infrastructure for electric transportation, cyber protection, advanced energy and air conditioning systems.

The program committee hereby invites the public to submit abstracts or technical and scientific articles in Hebrew or English that will serve as a basis for lectures in the conference program. The topics of the abstracts will be divided into tracks:

Innovation and Applied Research

Track Chair: **Prof. Yossi Piloosi**

- Communication and Information
- Energy Management and Optimization
- Research and R&D in energy engineering
- Artificial Intelligence (AI) Based Systems
- Innovation and Groundbreaking Research

AC, Ventilation and Energy

Track Chair: **Liran Greenhouse**

- Innovation in HVAC and large-scale projects
- Energy Efficiency and Reduction of Pollutant Emissions
- New Coolers in Cooling and AC systems
- Green Building and Zero Energy Building
- Maintenance, Service, Rules and Standards
- Water and Plumbing systems

Renewable Energies

Track Chair: **Mike Green**

- Renewable energies and projects
- Energy storage technologies and application
- Maintenance of PV systems: ground, roofs, water
- Renewable energies and energy independence

Inspections, Measurements and Power Quality

Track Chair: **Miron Gulevski**

- Electrical installation inspections
- Ordinances and regulation
- Electricity quality and related activity
- Electromagnetic Compatibility and EMF Handling
- Innovations in equipment and measurement methods

Electric Transportation

Track Chair: **Sergiu Hollinger**

- Electric transport, private and public
- Electrical systems in rail transport
- Infrastructures and technologies for charging vehicles
- Charge management systems

Advanced Operation and Maintenance

Track Chair: **Eran Iwanir**

- Safety risks in the maintenance of electrical installations
- Improvements in operating processes at power plants
- Maintenance planning and innovations in supporting systems
- Implementation and operation of micro-grid systems
- Designing and operating systems in medical centers

Advanced Energy Systems

Track Chair: **Avi Lugassi**

- Cyber protection
- Development of smart systems
- Advanced Industrial Control

Lighting

Track Chair: **Dr. Uri Duman**

- Innovations in lighting engineering
- Outdoor lighting
- A Lighting design