



# The Annual International Convention Electricity & Energy 2023

October 31 – November,4 2023 | Eilat, Israel

## Call for Papers

Conference Chairman: **Vladimir Nemirovski**, Vice-Chairmans: **Dr. Ilan Suleiman** 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 an 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 seven tracks:

### Innovation and Applied Research

*Track Chair: Prof. Yossi Pinhasi*

21. Communication and Information
22. Energy Management and Optimization
23. Research and R&D in energy engineering
24. Artificial Intelligence (AI) Based Systems
25. Innovation and Groundbreaking Research

### AC, Ventilation and Energy

*Track Chair: Liron Greenhouse*

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

### Renewable Energies

*Track Chair: Mike Green*

41. Renewable energies and projects
42. Energy storage technologies and application
43. Maintenance of PV systems: ground, roofs, water
44. Renewable energies and energy independence

### Inspections, Measurements and Power Quality

*Track Chair: Miron Givelberg*

31. Electrical installation inspections
32. Ordinances and regulation
33. Electricity quality and reliability
34. Electromagnetic Compatibility and EMF Handling
35. Innovations in equipment and measurement methods

### Electric Transportation

*Track Chair: Sergiu Hollinger*

61. Electric transport, private and public
62. Electrical systems in rail transport
63. Infrastructures and technologies for charging vehicles
64. Charge management systems

### Advanced Operation and Maintenance

*Track Chair: Eran Iwanir*

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

### Communication and Energy

*Track Chair: Avi Lugassi*

71. Cyber protection
72. Development of smart systems
73. News in lighting engineering
74. Advanced Industrial Control

**Abstract Submission  
Until 15.06.2023**

**Authors Notified  
Until 15.08.2023**

**Manuscripts Due  
Until 15.10.2023**

**All the details on the conference website: [www.electricity2023.com](http://www.electricity2023.com)**