



The Annual International Convention Electricity & Energy 2024

November, 12-16, 2024 | 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 a 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. Green Building, LEED and Zero Energy Building
12. Energy Efficiency and Reduction of Pollutant Emissions
13. Innovations in cooling and freezing systems using coolers
14. Data Centers - Mega server farms and their certification
15. Fire safety in buildings and a designer's responsibilities
16. System operation, service and maintenance

Advanced Operation and Maintenance

Track Chair: **Eran Iwanir**

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

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: **Mike Green**

51. Renewable energies and projects
52. Energy storage technologies and application
53. Maintenance of PV systems: ground, roofs, water
54. Renewable energies and energy independence

Communication and Energy

Track Chair: **Avi Lugassi**

71. Cyber protection
72. Development of smart systems
73. Advanced Industrial Control

General

Track Chair: **Bruno Segal**

81. Innovations in lighting engineering
82. Projects of "Kosher Electricity"
83. Energy management and optimization

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