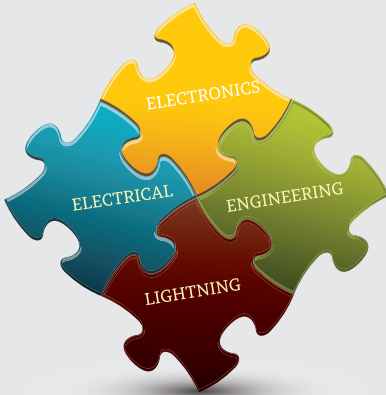


VII.

ELECTRICAL INSTALLATIONS NATIONAL CONGRESS and EXHIBITION



1-3 November 2023

Tepekule Convention and Exhibition Centre

izmir



1954

TMMOB

Chamber of Electrical Engineers
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Presentation

TMMOB Chamber of Electrical Engineers İzmir Branch; is organizing the seventh of the Electrical Installations National Congress and Exhibition on electricity, electronics, energy, lighting, automation and other important sectors of electrical engineering; which aims monitoring the developments related to professional fields and establishing cooperation between universities and industry, engineering practices and interacting scientific and technological developments in other fields.

The first of the event, which was held in 2009, was attended by 1024 people, the second was held in 2011 with the participation of 1348 people, the third in 2013 with the participation of 4476 people, the fourth in 2015 with the participation of 5032 people; the fifth one in 2017, with the participation of 5051 people; and the sixth in 2019 was held with the participation of 5838 people. The new one, VII. Electrical Installations National Congress and Exhibition will be held in Izmir between 1-3 November 2023.

Within the concept of the congress; activities on lighting, building electronics systems, power and energy systems, maintenance and maintenance technologies, automation, building electrical installation, digitalization and artificial intelligence will be provided.

We wish to be together.

Congress Executive Board

Exhibition

An exhibition will also be held concurrently with the congress in which by ensuring the participation of the professionals on electricity, electronics, energy, automation, lighting technology will be brought together with the participants. The last congress, which was held on 16-19 October 2019, 1715 m2 net stand area was used by reaching the field of national and international scale of 62 sectoral companies, 3 sectoral publications and 1 sectoral association's participation.

In the exhibition, environments for discussion will be created for academicians, industrialists, engineers, architects, technical staff, with the representatives of sectoral associations, public institutions and organizations; and by meeting with new products, sector representatives, scientific and technological developments of the companies will be presented,

Hence, new communication opportunities will be created between companies in the exhibition; electricity, electronics, energy, lighting, operating in the automation sectors or equipment and material needs from these sectors.

Congress Executive Board



The congress will be held under the following topics.

Power and Energy Systems

- Energy, Green Energy and Renewable Energy
- Solar Systems and Applications
- Energy Supply, Energy Monitoring and Management
- Energy Investments and Financing
- Evaluation of Energy Legislation
- Digitalization in the Energy Sector
- Energy Storage Systems
- Smart Cities
- Smart Grids
- Electric Vehicles and Charging Technologies
- Energy Quality and Efficiency
- HV Transformer Facilities and Switching and Switching Equipment
- HV Cells
- Current Developments in Electricity Distribution
- Operation, Maintenance and Modernization in Power Plants

Maintenance Technologies

- Maintenance and Maintenance Technologies
- Maintenance in Industrial Facilities
- Predictive Maintenance Practices
- Maintenance Techniques for Biosafety
- Maintenance of Automation Systems
- Digitalization in Maintenance Systems
- Maintenance Engineering in the World and in Turkey
- Occupational Health and Safety in Maintenance

Building Electronic Systems

- Digitalization in Building Electronic Systems
- Fire Detection and Technical Safety Systems
- Electronic Security Systems
- Automation Systems and Applications in Buildings



Electrical Installation in Buildings

- Electrical Installation and Applications in Buildings
- Regulations, Standards and Current Developments
- Electrical Installation in Explosive Environments
- MCB-RCD-AFDD
- Diversity Calculations
- Occupational Health and Safety Legislation and Practices
- Electrical Installation in High-rise Buildings
- BIM Modeling
- Roof and Facade Solar Applications
- Energy Performance and Energy Efficiency in Buildings (BEP-TR, EKB)
- Lightning Protection of Buildings
- Building Control Applications

Lighting

- Digitalization in Lighting
- Building and Building Face Lighting
- Road and Tunnel Lighting
- Efficiency in Lighting
- Lighting Design and Transformation
- The Effects of Lighting on Environment and Health

Automation

- Process Automation Systems
- Building Automation Systems
- PLC and MCC Panel Design and Applications
- Design Processes of Automation Projects
- Industrial Automation Systems
- Drive Technologies and Efficiency
- Control and Automation Systems
- Robot Automation Technologies

Digitalization and Artificial Intelligence Applications

- Digitalization and Internet of Things
- Smart City and Smart Building Applications
- Robots and Artificial Intelligence
- Digitization of Machines
- Big Data Analytics and Cyber Security

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