



## TRADE FAIR TOPICS

18.–20. 3. 2025 | BRNO EXHIBITION CENTRE

### 1. ELECTRICAL POWER ENGINEERING

- 1.1 POWER GENERATION, GENERATORS
- 1.2 TECHNOLOGY FOR THERMAL, HYDRO AND WIND POWER PLANTS
- 1.3 PHOTOVOLTAICS
- 1.4 POWER ACCUMULATION
- 1.5 BATTERY AND BATTERY STORAGE DEVICES
- 1.6 POWER TRANSFER AND POWER TRANSFORMATION
- 1.7 SWITCHBOARD TECHNOLOGY AND DEVICES HV/MV
- 1.8 CABLE SUPPORT SYSTEMS AND UTILITIES
- 1.9 CONTROL SYSTEMS AND SMART GRIDS
- 1.10 COMPONENTS AND ACCESSORIES
- 1.11 ELECTRICAL INSULATION MATERIALS, INSULANTS
- 1.12 SOFTWARE AND SERVICES FOR THE ENERGY INDUSTRY

### 2. CONDUCTORS AND CABLES

- 2.1 POWER CABLES
- 2.2 CABLE ASSEMBLY
- 2.3 LOW VOLTAGE CONDUCTORS AND CABLES
- 2.4 CONDUCTORS FOR ELECTROTECHNICAL WINDING
- 2.5 SPECIAL CONDUCTORS, CABLES AND MATERIALS
- 2.6 ACCESSORIES FOR CABLES AND CABLE INSTALLATION

### 3. ELECTRIC INSTALLATION, BUILDING MANAGEMENT AND SECURITY SYSTEMS

- 3.1 HIGH-CURRENT ELECTRICAL INSTALLATION
- 3.2 SWITCHBOARDS AND POWER DISTRIBUTION SYSTEMS
- 3.3 MEASURING AND CONTROLLING COMPONENTS AND INSTRUMENTS
- 3.4 INSTALLATION EQUIPMENT AND MATERIALS
- 3.5 LIGHTNING PROTECTION
- 3.6 SIGNS, MARKING AND LABELS
- 3.7 BUILDING AUTOMATION AND BUILDING MANAGEMENT SYSTEM
- 3.8 SMART AND COMMUNICATION DEVICES
- 3.9 SECURITY AND IDENTIFICATION SYSTEMS
- 3.10 SOUND AND DISPLAY TECHNOLOGIES FOR BUILDINGS
- 3.11 SMART & SAFE CITY, CITY MANAGEMENT
- 3.12 SOFTWARE AND SERVICES

### 4. LIGHTING TECHNOLOGY

- 4.1 LIGHT SOURCES
- 4.2 LIGHTING, LIGHTING SYSTEMS, LAMPS
- 4.3 LED TECHNOLOGIES, CHIPS, COMPONENTS
- 4.4 LIGHT SOURCE ACCESSORIES, LAMPS AND LIGHTING
- 4.5 LIGHTING MASTS, CLAMPING TECHNOLOGY
- 4.6 LIGHTING SOFTWARE AND SERVICES

### 5. ELECTRO THERMAL TECHNOLOGY

- 5.1 APPLIANCES FOR BUILDING HEATING AND COOLING SYSTEMS
- 5.2 HEAT PUMPS
- 5.3 VENTILATION AND AIR CONDITIONING
- 5.4 ELECTROTHERMAL EQUIPMENT
- 5.5 COMPONENTS AND ACCESSORIES
- 5.6 MEASUREMENT, CONTROL AND REGULATION IN THE FIELD
- 5.7 SOFTWARE AND SERVICES

### 6. ELECTRIC MOTORS, DRIVES, POWER SUPPLY AND ELECTROMOBILITY

- 6.1 ELECTRIC MOTORS AND DRIVES
- 6.2 CONTROL AND PROTECTIVE ELEMENTS
- 6.3 POWER SYSTEMS
- 6.4 ELECTRIC CARS AND VEHICLES
- 6.5 CHARGING STATIONS AND INFRASTRUCTURE
- 6.6 EQUIPMENTS, COMPONENTS AND ACCESSORIES
- 6.7 SOFTWARE AND SERVICES

### 7. ELECTRONIC COMPONENTS AND MODULES

- 7.1 SEMICONDUCTOR COMPONENTS AND CIRCUITS
- 7.2 OPTICAL AND PHOTONIC COMPONENTS AND MODULES
- 7.3 PASSIVE COMPONENTS
- 7.4 ELECTROMECHANICAL COMPONENTS
- 7.5 MECHANICAL, INTERCONNECTING AND OTHER COMPONENTS FOR ELECTRONICS
- 7.6 DISPLAYS AND MONITORS
- 7.7 PRINTED CIRCUIT BOARDS – PCB'S AND MOUNTING ACCESSORIES
- 7.8 SMD COMPONENTS AND TECHNOLOGIES
- 7.9 ORGANIC AND PRINTED ELECTRONICS

- 7.10 ASSEMBLIES, EMBEDDED SYSTEMS, MICRO AND MACRO SYSTEMS
- 7.11 MATERIALS, TECHNOLOGIES, ELECTROCHEMISTRY
- 7.12 SOFTWARE, CAD, CAM, CIM AND SERVICES

### 8. INFORMATION AND COMMUNICATION TECHNOLOGY

- 8.1 RADIO-COMMUNICATION TECHNOLOGY
- 8.2 TECHNOLOGIES FOR MOBILE NETWORKS
- 8.3 WIRELESS DATA TRANSMISSION
- 8.4 SATELLITE AND ANTENNA TECHNOLOGY
- 8.5 NETWORK TECHNOLOGIES
- 8.6 SERVERS, COMPUTERS, COMPONENTS, INSTALLATIONS
- 8.7 MONITORS, IMAGING TECHNOLOGY, PRINTING
- 8.8 DATA STORAGE, DATA CENTRES
- 8.9 READERS, SENSORS AND PAYMENT SYSTEMS
- 8.10 IT SECURITY OF DATA AND PROGRAMS
- 8.11 ARTIFICIAL INTELLIGENCE
- 8.12 INTERNET OF THINGS (IOT)
- 8.13 AUDIO-VISUAL TECHNOLOGY
- 8.14 SOFTWARE, APPLICATIONS AND SERVICES

### 9. MEASURING AND TESTING DEVICES

- 9.1 LABORATORY DEVICES FOR ELECTRICAL QUANTITIES MEASURING
- 9.2 OPERATIONAL MEASURING INSTRUMENTS
- 9.3 INSTRUMENTS FOR MEASURING IN POWER DISTRIBUTION NETWORKS
- 9.4 MEASURING CONVERTERS FOR MEASURING OF ELECTRIC QUANTITIES
- 9.5 UNIVERSAL INSTRUMENTS AND INSTRUMENTS FOR MEASURING OF NON-ELECTRICAL QUANTITIES
- 9.6 REGISTRATION DEVICES, RECORDERS, DATA DISPLAYS
- 9.7 MEASURING SYSTEMS, REMOTE MEASURING AND PROCESSING OF MEASURED DATA
- 9.8 ACCESSORIES, COMPONENTS AND OTHER
- 9.9 SOFTWARE AND SERVICES IN THE FIELD OF METROLOGY

### 10. AUTOMATION, CONTROL AND REGULATION

- 10.1 SENSING AND CONTROL TECHNOLOGY
- 10.2 IDENTIFICATION, CAMERA AND IMAGING SYSTEMS
- 10.3 CONTROL TECHNOLOGY AND COMPONENTS
- 10.4 COMMUNICATION PROTOCOLS, BUSES AND NETWORKS FOR INTERCONNECTING EQUIPMENT
- 10.5 ROBOTS, AUTOMATIC MACHINES AND MANIPULATORS
- 10.6 SOFTWARE FOR INDUSTRIAL AUTOMATION AND ROBOTICS
- 10.7 TECHNOLOGICAL PROCESS CONTROL, SYSTEM INTEGRATION, INDUSTRY 4.0
- 10.8 TRANSPORT SYSTEMS, NAVIGATION, TELEMATICS, INTRALOGISTICS
- 10.9 INDUSTRIAL MARKING, 3D SCANNING AND PRINT
- 10.10 OTHER COMPONENTS, ACCESSORIES AND EQUIPMENT FOR AUTOMATION
- 10.11 SERVICES, DIAGNOSTICS, CALIBRATION, MAINTENANCE

### 11. PRODUCTION FACILITIES, COMPONENTS FOR ELECTRICAL ENGINEERING AND ELECTRONICS

- 11.1 PRODUCTION FACILITIES FOR ELECTRICAL ENGINEERING
- 11.2 PRODUCTION FACILITIES FOR ELECTRONICS
- 11.3 PRODUCTION FACILITIES FOR SURFACE FINISHING IN ELECTROTECHNICS
- 11.4 EQUIPMENT FOR PCB TECHNOLOGIES
- 11.5 CHEMICALS FOR ELECTROTECHNICS AND ELECTRONICS
- 11.6 COMPONENTS AND ACCESSORIES FOR PRODUCTION FACILITIES
- 11.7 TESTING, DIAGNOSTICS AND OTHER SERVICES

### 12. OPTIC AND PHOTONIC TECHNOLOGY

- 12.1 MATERIALS AND OPTICAL COMPONENTS
- 12.2 FIBRE OPTICS
- 12.3 LASER TECHNOLOGIES
- 12.4 OPTICAL SYSTEMS AND APPLICATIONS
- 12.5 PRODUCTION FACILITIES FOR OPTICS

### 13. TOOLS, ACCESSORIES AND EQUIPMENT IN ELECTRICAL ENGINEERING

- 13.1 TOOLS AND EQUIPMENT
- 13.2 TABLES, SHELVES AND BOXES
- 13.3 WORK AND PROTECTIVE EQUIPMENT
- 13.4 VEHICLES, PLATFORMS AND LADDERS
- 13.5 ANTISTATIC MATERIALS, PRODUCTS AND EQUIPMENT

### 14. SERVICES, EDUCATION, MEDIA AND INSTITUTIONS IN ELECTRICAL ENGINEERING