

Electro Event Schedule 2018*

April 16, 2018, Manufacturer Day

- 11:00—14:00 **Opening Ceremony of Electro 2018**
Plenary Meeting
Smart Energy of the Future: New Approach to Technologies That Change the World
Forum Pavilion, Southern Hall
- 12:00—13:00 **Foresight Session**
Factory in the Industry 4.0 Concept
Will a technical upgrade lead to a breakthrough?
— Digital revolution: who benefits and what is the point? Ongoing changes in the field of industrial technologies and management of manufacturing companies
— Where today's company starts: influence of emerging concepts and advanced smart technologies on the competition in the market of electrical products and creation of business models
— Digital factory as an intensive way to improve productivity and competitiveness of electrical products. From value to technology: what to begin with, what implementation methodology to choose, what tools and technologies to engage when digitalizing your company?
ElectroMARKET, Forum Pavilion, Stand FE200
- 12:00—13:00 **Business lunch for marketing managers of electric companies**
Choosing the right marketing tools and communication channels for the electric market
Special invitation required
ElectroSKILLS, Forum Pavilion, Marble Hall
- 13:30—14:30 **Workshop**
How to increase sales?
— Problem areas in the manufacturer - supplier - customer chain. Should major customers stimulate demand and take part in developments?
— Import substitution as an additional potential to increase demand
— Distribution market in Russia. Exclusive instruments and resources to promote sales for partners
— How to create a commercial and marketing center, launch manufacturing using the technology, or become an official representative of the company in the territory designated to the partner?
— Why wholesale and retail companies prefer imported electrical products to Russian-made?
— On what criteria customers choose this or that trademark? Design? Quality? Functionality? Name?
ElectroMARKET, Forum Pavilion, Stand FE200

- 14:30—16:00 **Round Table**
Low voltage - high responsibility: quality drive at the electrical equipment market
— Quality as a strategic factor to improve competitiveness of electrical products
— Instruments of government control. What standards are included in the regulations on electrical products safety? Entrance control at capital facilities
— Why do manufacturers not always carry out tests on compliance with safety requirements? Is it possible to change the current situation?
— Policy against forgery and counterfeit products. Tackling the situation of mass turnover of counterfeit and forged products
— Self-regulation tools: universal standards and common quality parameters
— Counterfeit electrical products: how to tell it's fake?
— Piracy in the market of electrical products: best practices and strategies to combat counterfeit. Brand security program
ElectroSKILLS, Forum Pavilion, Marble Hall
- 16:00—17:30 **Expert Session**
Development and implementation of export strategy of Russian electric companies
— Support of high-tech export
— International cooperation in the field of conformity assessment, standardization and testing for support of Russian innovation and technology export
— Foreign economic activities of Russian electric companies
ElectroMARKET, Forum Pavilion, Stand FE200

April 17, 2018, Customer Day

- 10:00—18:00 **Networking**
Purchasing Centre
— Familiarization of potential suppliers with purchasing activities of customer companies
— Presentations of procurement plans of products listed in the exhibition's product sectors
— Consultations on preparations made by the exhibitors of procurement procedures bids and offers submitted for participation in procurements
— Procedures of pre-qualification of vendors
ElectroMARKET, Forum Pavilion, Stand FE200
- 10:00—18:00 **9th International Conference – Elmarsh 2018: Electric Power Industry and Electrical Engineering. Problems and Prospects**
Organized by: Interelectromash
Supported by: Expocentre AO
Pavilion 2, Seminar Hall 4

10:00—18:00 **15th International Conference on Renewable and Small-Power Energy 2018. Energy Efficiency. Autonomous Systems of Electricity Supply of Mobile Objects and On-Site Facilities**

Organized by: the Renewable Energy Committee of RosSNIO

Co-organized by: the Energy Section of the Russian Engineering Academy, the Zhukovsky TsAGI – the Central Aerohydrodynamic Institute, the WINDEC Research Centre, the Department of Electrical Complexes of Autonomous Objects and Electric Transport and the Department of Hydro Power Engineering and Renewable Energy Sources of the Moscow Power Engineering Institute (National Research University)

Congress Centre, Press Hall

10:30—17:30 **Conference**

New technologies for reliable power supply

ElectroTALK, Forum Pavilion, Southern Hall

10:30—13:00 **Section Meeting**

Enhancement and improvement of operating efficiency of electrical equipment

— Analysis of reliability and enhancement of operating efficiency of equipment used in industrial power supply systems

— Measures to improve power supply reliability by reducing the number of electrical failures

— Assessment and prediction of changes in the technical state of electrical equipment as a condition of its reliability: control, monitoring and diagnostics

13:30—15:00 **Section Meeting**

Optimization of power facilities safety, automation and management systems

— Devices for protection, dispatching and technological management of power supply systems

— Automated systems of technological development: enhancing efficiency of operational management which includes elimination of damages caused by accidents

— Modern protection devices: design, operating experience and areas for development

— Functionality and implementation of protection device monitoring and operation analysis systems in the industry

15:30—17:30 **Section Meeting**

Development of electric power metering systems: on the path to intellectualization

— Reduction of electric power losses by automation of electric power metering

— Development of systems of electric power calculation and technical record-keeping. Effective implementation of automatic systems for commercial accounting of power consumption

— Integration of automatic systems for commercial accounting of power consumption with software and hardware support of automated dispatch management systems

— Provision of automatic systems for commercial accounting of power consumption and automated dispatch management systems with reliable communication and data transmission channels

— Metrological attestation of an automatic system for commercial accounting of power consumption

— Technical solutions for commercial accounting of power consumption:

- low voltage meters (electric power meters, PQ and grid parameter meters, metering transmitters)

- high voltage meters (measuring voltage and current transformers including optical and electronic transformers)

— Introduction of smart electric power metering systems (automated measuring and information systems for electric power fiscal accounting) as a basis for development of digital technologies for process control of power transmission to ultimate customers

10:30—12:00 **Seminar**

The ABC's of choosing a reliable supplier of lighting products

— Why do LED lamps, which look the same at first glance, cost differently?

— What should be taken into account when ordering lighting products?

— What to pay attention to when examining the documents?

— What is the situation with certification of lighting products?

— What common mistakes are made when choosing equipment and suppliers?

— What pitfalls can you have when switching to LED lighting?

— What is "fair position" and why is it useful for a customer?

— Why do we need certification or why there isn't a perfect lamp?

ElectroSKILLS, Forum Pavilion, Marble Hall

12:00—13:30 **Seminar**

Effective purchases

— How can customers and procurement parties adapt to and prepare for new working conditions according to Law No.223-FZ adopted on December 31, 2017?

— How to ensure development of the competition among suppliers in procurements and keep balance between competition and security?

— How to measure purchasing efficiency?

— Do we need to support SMEs through procurements?

— Priority of Russian-made products when purchasing: will it promote import substitution?

— Centralized purchasing: pros and cons

— Working at electronic trading platform: tools

— Implementation of the Procurement 4.0 concept

ElectroMARKET, Forum Pavilion, Stand FE200

12:30—15:00 **Round Table Discussion**

How to upgrade lighting in schools? Regulations, successful cases, common mistakes

— How to create a lighting environment in a modern school?

— *How do lighting zoning and lighting system upgrade make learning activities exciting?*
— *Issues of regulations, testing, lighting control and energy saving*

ElectroSKILLS, Forum Pavilion, Marble Hall

15:00—16:00 **Award Ceremony**

Electroreklama Competition

ElectroMARKET, Forum Pavilion, Stand FE200

April 18, 2018, Designer Day

10:00—18:00 **Networking**

Engineering Design Centre

— *Centre of contacts with major companies designing power supply for industrial facilities*

— *Free power supply plans*

— *Pitch sessions from manufacturers for designers*

— *Expert sessions for designers*

ElectroMARKET, Forum Pavilion, Stand FE200

13:00—14:00 **Expert Session**

Content requirements and standard comments during development of the project document subsection "Electric Power Supply".

Recommendations on how to eliminate problems revealed by the state expert review

16:00—17:00 **Expert Session**

Calculation of the estimated cost of electrical works during design, construction and renovation

— *A budget normative base used to calculate the cost of construction and repair of electrical facilities*

— *Forms of cost estimating documents for construction of electrical facilities. Methods of inflation accounting when calculating the current and forecasted cost of electrical facilities*

— *Specifics of calculating the cost of works and resources for construction and repair of electrical facilities*

— *Appraisal of design and budget documentation and calculation of its cost*

— *Electrical installation regulations, and construction rules and regulations for design and construction of electrical facilities*

— *Specifics of determining the volume of construction and installation works when making cost estimating documentation on electrical facilities. Influence of working conditions on construction costs*

— *Development stages and content of design and budget documentation for construction and repair of electrical facilities. Configuration management*

— *Specifics of calculating the cost of repair and reconstruction of electrical facilities*

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Pavilion 2, Seminar Hall 3

10:00—18:00 **15th International Conference on Renewable and Small-Power Energy 2018. Energy Efficiency. Autonomous Systems of Electricity Supply of Mobile Objects and On-Site Facilities**

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Congress Centre, Press Hall

10:30—17:30 **Conference**

Design and construction of power supply systems

ElectroTALK, Forum Pavilion, Southern Hall

10:30—13:00 **Plenary Meeting**

Main technical policy directions during design, construction and reconstruction of power supply systems

— *Streamlining requirements for reliability and safety of electric power systems and electricity generation facilities*

— *Provision of system reliability in advance planning of electric power system development*

— *Efficiency of the current regulatory documentation on design of electric grid facilities*

14:00—15:30 **Section Meeting**

Computer aided design of power supply systems of industrial and power facilities

— *Specifics of automation of different steps of design*

— *Current information design technologies*

— *Development prospects for CAD of electric power supply systems*

16:00—18:00 **Section Meeting**

Electric power grids. Engineering solutions for laying cable tracks

— *Choosing the right laying methods for cable tracks: new methods and techniques*

— *Choosing the right cables for cable tracks*

— *Current approach to design and maintenance of cable tracks and lines based on cable-supporting systems*

— *Cable fittings, cabling and coding*

11:00—12:00 **Master Class**
Wiring assembly and installation
ElectroSKILLS, Forum Pavilion, Marble Hall

13:00—14:00 **Workshop**
Cable network engineering
ElectroSKILLS, Forum Pavilion, Marble Hall

15:30—16:00 **Master Class**
Wiring assembly and installation
ElectroSKILLS, Forum Pavilion, Marble Hall

April 19, 2018, Youth Day

10:00—16:00 **Networking**
Career Centre
— *Career fair*
— *Intern programs*
— *Career tests*
ElectroMARKET, Forum Pavilion, Stand FE200

10:30—11:30 **Competitions of student teams**
Team presentations "Contact is Made!"
ElectroMARKET, Forum Pavilion, Stand FE200

12:00—13:00 **Discussion**
**Forward-looking training in the environment
of energy sector modernization**
ElectroTALK, Forum Pavilion, Southern Hall

13:30—14:15 **Competitions of student teams**
ElectroGeek trivia game
ElectroSKILLS, Forum Pavilion, Marble Hall

14:15—15:00 **Competitions of student teams**
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ElectroSKILLS, Forum Pavilion, Marble Hall

14:15—15:00 **Seminar**
**Current means and technologies
for simulated training of electrical
personnel**
ElectroMARKET, Forum Pavilion, Stand FE200

15:00—15:30 **Talk Show**
ElectroMaster: my success story
ElectroTALK, Forum Pavilion, Southern Hall

15:30—16:00 **Competitions of student teams**
Award ceremony
ElectroMARKET, Forum Pavilion, Stand FE200

* Subject to change