



2018 IEEE 3rd International Conference on Intelligent Energy and Power Systems (IEPS)

September 10 - 14, 2018 / Kharkiv, Ukraine

ORGANIZERS



- IEEE Estonia Section PE/IE Societies Joint Chapter
- IEEE Latvia Section IA/IE/PEL Societies Joint Chapter
- IEEE Ukraine Section IE/PE/PEL Societies Joint Chapter
- IEEE Ukraine Section PE/IE/IA Societies Joint Chapter

CONFERENCE TOPICS

SECTION 1. MODERN ENERGY SYSTEMS AND POWER ELECTRONICS

Energy and power system control. Intelligent and predictive control in power electronics. Energy storages. Power system quality and reliability. Diagnostics and protection of electrical equipment. Electromagnetic compatibility problems. FACTS and HVDC. Filters and compensators. Active power quality controllers.

SECTION 2. RENEWABLE ENERGY SYSTEMS AND DISTRIBUTED GENERATION

Renewable energy systems. Intelligent control for renewable energy systems. Hybrid power systems. Wind power generation systems. Fuel cells applications. Photovoltaic solar power systems. Hydropower systems. Bio-energy systems. Thermal power systems.

SECTION 3. INTELLIGENT AND ADAPTIVE SYSTEMS IN SMART GRID

Computational intelligence and soft computing in complex energy systems. Predictive, forecasting, adaptive and robust control for energy systems. Decision support systems for energy systems.

SECTION 4. INDUSTRIAL ELECTRONICS AND ELECTRICAL DRIVES

Industrial electronics, application, standards and control system. Industrial automation. Intelligent control in industrial electronics. Machines and drives. Motion control. Power electronics converters for drives and generators.

SECTION 5. SPECIAL POWER ELECTRONICS SYSTEMS AND APPLICATIONS

Unconventional power electronics converters. Automotive vehicles, aircrafts, and ships. Welding machines. Special converters applications for medical equipment.

INFORMATION FOR AUTHORS

Official language of the IEEE IEPS-2018 is **English**. It will be used for all printed materials, presentations and discussions. Length of the conference paper should be **4 to 6 full A4 pages**, prepared according IEEE Proceedings format. All accepted papers and oral (or poster) presenting at IEPS-2018 will be submitted for revision to **IEEE Xplore Digital Library**. **“No-show” papers won’t be submitted for inclusion in IEEE Xplore Digital Library.**

DEADLINES

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|--------------------------------------|---------------------|
| Submission of Papers | May 14, 2018 |
| Response of Reviewers | June 25, 2018 |
| Submission of Final Papers | July 8, 2018 |
| Program Announce | July 11, 2018 |
| Final Registration for Participation | August 10, 2018 |

REGISTRATION FEES

| Membership | INT Fees | UA Fees |
|--------------------|----------|---------|
| IEEE Members | 200 EUR | 12 EUR |
| Non-IEEE Members | 250 EUR | 15 EUR |
| IEEE Life/Students | 100 EUR | 10 EUR |
| Students | 150 EUR | 12 EUR |

INT – International participants. Welcome party included;

UA - Participants from Ukraine, Rep. of Georgia and CIS. Fee for Welcome party – 10 EUR.

CONTACTS

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