



# International Conference POWER QUALITY MANAGEMENT

November 23 – 25, 2016, National Research University “MPEI”



## Main topics:

- Sources of power quality deterioration: distorting loads of customers, electrical grid, environment
- Power quality measuring: instruments; automated systems; measurement methods; result of power quality measurement in electrical grids, industrial installations, laboratories; power quality monitoring and monitoring methods
- Power quality analysis methods: physical and mathematical modelling, software
- Consequences of deteriorated power quality: damages, power quality impact on power supply reliability
- Economic research in power quality: damage assessment, economic responsibility for deterioration of power quality
- Power quality and market: evaluation of partial contribution of market players in the deterioration of power quality, electricity cost comprising power quality
- Methods and tools for power quality control
- Legal aspects in the field of power quality
- Integrated assessment of energy, power, electromagnetic processes in power engineering and electrical technology
- Power quality in smart power systems
- Continuous monitoring, periodic measurement, control and analysis of power quality,
- Assessment of power quality
- Impact of power quality on the reliability of electrical power supply
- Consequences, damages, costs of power quality
- Regulatory documents in the field of power quality
- Electromagnetic compatibility and power quality
- Power quality problems in smart power systems, impact of renewable power sources on power quality
- Education in the field of power quality
- Other issues related to power quality

**We invite members of research and design institutes, power grid and distribution companies, dispatching control centers, educational institutions, supervisory and regulatory bodies, developers of regulatory norms, measuring instruments and equipment manufacturers and all other professionals working in the field of power quality**

## Organizers:

- National Research University “Moscow Power Engineering Institute”
- Melentiev Energy Systems Institute of Siberian Branch of the Russian Academy of Sciences
- Ministry of Energy of the Moscow Region

## Media partners:



**ЭЛЕКТРИЧЕСТВО**

## International scientific committee:

**World's leading experts in power quality from Czech Republic, Germany, Poland, Portugal, Romania, Russia, Spain, USA and Vietnam**

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## Venue:

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