

Special Issue

Problems during the Design and Testing of Instrument, Special and Power Transformers

Message from the Guest Editors

This Special Issue aims to present and disseminate the latest developments in the theory, design, modelling, and laboratory testing of all types of transformers.

Topics of interest for publication include, but are not limited to:

- All kinds of instrument transformers: their measurement and protection; current; voltage; combined high, medium and low voltage; inductive and capacitive and other structures
- Various types, constructions and applications of special transformers
- Different types, constructions and applications of power transformers, 1- and 3-phase, for different voltages
- Designing and assessing the dielectric stress on insulation in high- and medium-voltage transformers
- Thermal and vibroacoustic analyses of transformers
- Optimal design methodologies
- Advanced modeling methods
- Innovative methods of technical research
- Diagnostics of insulation of medium- and high-voltage transformers and testing of partial discharges

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Energies is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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