

Call for Papers

Special Section on Optimization Design and Robust Control of Electrical Machines

In today's world, almost every aspect of modern life is impacted by electric motors. Due to the nearly unlimited types of applications, it is not difficult to imagine a plethora of motors running across the world concurrently at this very moment. It is thus crucial that the motor should be designed with high performance and controlled intelligently, with the technologies linked with optimization, synthesis, analysis, control, measurement and application of electric motors.

This special issue of TEMS is to provide a forum for researchers and experts from both academia and industry all over the world to exchange their experiences and achievements within the scope of optimal design and intelligent control of electrical machines. Detailed topics include but are not limited to:

- Optimization of electromagnetic design
- Intelligent control of electric motor
- Machine parameters identification and measurement
- High torque density motor technology
- High speed motor technology
- Electrical machine designed for transportation
- Coordination between machine design and drive control

Contact the deputy editor-in-chief if your manuscript is not within the listed topics, as papers within the general topic of electrical machines and systems are all welcome by the CES TEMS.

Brief guide line for authors

Papers styles:

1. Review articles.
2. Original research.
3. Rapid communications.

All submitted papers must be in English, must not be published by or currently under review for any other journal or conference.

Detailed submission guide line and template are available at the submission website. All manuscripts and any supplementary materials should be submitted via the site <https://mc03.manuscriptcentral.com/tems>, choosing "**SS: Optimization Design and Robust Control of Electrical Machines**" as the manuscript type.

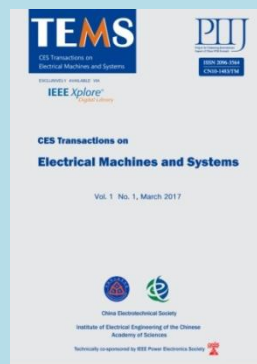
About the journal

The CES TEMS is a brand-new quarterly journal published by the China Electrotechnical Society (CES) and the Institute of Electrical Engineering of the Chinese Academy of Sciences, with co-sponsorship of IEEE PELS, starting from March 2017.

Topics of the CES TEMS include but are not limited to electrical machine topologies and designs, field analysis, motor drives, motion control and servo systems, power electronics and power converters, EMI and EMC techniques, renewable energies, xEV and other electrified transportation techniques, applications of new materials, and many others related to the electrical machines and systems.

The CES TEMS is an open-access journal, currently with no publication charge applied to the authors. Published papers will be included in the IEEE Xplore. Inclusion in other globally recognized data base such as the Web of Science (SCI) is under arrangement.

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**Editor-in-Chief
Professor Weiming MA**

Executive Editor-in-Chief:

Prof. BI Chao
Shanghai University for Science & Technology, China
BiChao@usst.edu.cn



Guest Editors:

Prof. JIANG Quan
jiangquan@usst.edu.cn
Prof. LIU Chunhua
chualiu@eee.hku.hk
Prof. LIN Mingyao
mylin@seu.edu.cn
Prof. ZHU Jianguo
jianguo.zhu@sydney.edu.au
Prof. Robert NILSSEN I
Robert.nilssen@ntnu.no
Prof. XIAO Xi
Xiao_xi@tsinghua.edu.cn
Prof. CHAI Jianyun
chaijy@mail.tsinghua.edu.cn
Prof. SHEN Jianxin
J_X_Shen@zju.edu.cn

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