

# Call for Papers

## *Special Section on Special Motor Systems and Intelligent Calculation*

As a key component, special motor systems are widely used in industry, national defense and aerospace applications. Innovations of its fundamental theories and application technologies can promote the progress of relevant disciplines and fields. At the same time, the continuous development of intelligent calculation theories and technologies, such as artificial intelligence, big data and cloud computing, has also brought great vitality and assistance to the theoretical and technological innovations of special motor systems.

In order to further strengthen academic exchanges, and share the experiences and latest achievements of researchers and experts from both academia and industry all over the world in the fields of topologies, analysis, design, optimization, control and intelligent calculation of special motor systems, the editorial department of "Transactions of China Electrotechnical Society" and "CES TEMS" specially invited Professor Ping Zheng from Harbin Institute of Technology as the Deputy Editor in Chief organizing the special issue on "Special Motor Systems and Intelligent Calculation". Detailed topics include but are not limited to:

- New principles, structures, topologies and applications of special motor systems
- Advanced design theories of special motor systems
- Accurate modeling and analysis of special motor systems
- Intelligent optimization technologies of special motor systems
- Vibration and noise analysis of special motor systems
- Advanced drive technologies of special motor systems
- Intelligent control strategies of special motor systems
- EMC technologies of special motor systems
- Intelligent fault diagnosis of special motor systems
- Intelligent health management of special motor systems
- Other related topics

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 and Transactions of China Electrotechnical Society.

### ***Brief guideline for authors:***

#### **Papers styles:**

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

All manuscripts must be submitted through Manuscript Central at <http://www.ces-transaction.com/> (Transactions of China Electrotechnical Society), and <https://mc03.manuscriptcentral.com/tems> (TEMS), Submissions must be clearly marked "**Special Motor Systems and Intelligent Calculation**" on the cover page. When uploading your paper, please select your manuscript type "Special Issue." Refer to <http://www.ces-transaction.com/> and <http://www.cestems.org> for general information about electronic submission through Manuscript Central. Manuscripts submitted for the special issue will be reviewed separately and will be handled by the guest editorial board noted below.

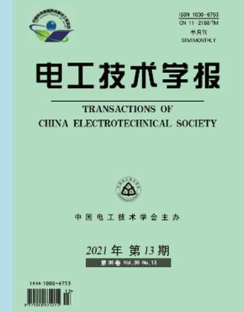
### ***About the journal***

#### ***Transactions of China Electrotechnical Society***

"Transactions of China Electrotechnical Society" was founded in 1986. "Journal" is a comprehensive academic journal in the field of electrical engineering hosted by China Electrotechnical Society.

"Journal" is the core journal of many principal retrieval systems such as Engineering Index (EI), Chinese core journals, The key magazine of China technology as well as other related databases.

"Journal" comprehensively reports high-level academic and scientific research achievements in basic theory research and engineering application in the field of electrical engineering. The publication covers various disciplines in the field of electrical engineering, mainly related to electrical appliances, power electronics, power systems, industrial automation, electrical



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### ***CES TEMS***

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.

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. Also, CES TEMS has been Indexed by CSCD. Inclusion in other globally recognized data base such as the Web of Science (SCI) is under arrangement.

[www.cestems.org](http://www.cestems.org)



### ***Important Dates***

***Transactions of China  
Electrotechnical Society***

Full paper submission:

**31 May, 2022**

Publication:

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### ***CES TEMS***

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