

## Special Issue

# Analysis and Optimal Design Method for Electric Machine and Devices

### Message from the Guest Editor

The aim of this Special Issue is to seek high-quality articles on the following topics: Effective analysis and optimal design method for electric machines and devices using a numerical method or an analytic method to significantly reduce time and cost for the development of diverse kinds of machines. Development of a novel optimization algorithm or an optimal design method using the optimization algorithm to enhance the efficiency and reliability of optimization of electric machines and devices.

- Analysis and design method
- Electric machine and device
- Material modeling
- Mathematical modeling and formulations
- Multiphysics and coupled problems
- Numerical techniques
- Optimization algorithm
- Optimization and design

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### Guest Editor

Prof. Dr. Jong-Suk Ro

Electrical Energy Application Lab, Chung-Ang University, Seoul,  
Republic of Korea

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### Deadline for manuscript submissions

closed (10 October 2020)



## Electronics

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Impact Factor 2.6  
CiteScore 6.1



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## About the Journal

### Message from the Editor-in-Chief

*Electronics* is a multidisciplinary journal designed to appeal to a diverse audience of research scientists, practitioners, and developers in academia and industry. The journal is devoted to fast publication of latest technological breakthroughs, cutting-edge developments, and timely reviews of current and emerging technologies related to the broad field of electronics. Experimental and theoretical results are published as regular peer-reviewed articles or as articles within Special Issues guest-edited by leading experts in selected topics of interest.

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### Editor-in-Chief

Prof. Dr. Flavio Canavero

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#### High Visibility:

indexed within Scopus, SCIE (Web of Science), CAPlus /  
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#### Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /  
CiteScore - Q1 (Electrical and Electronic Engineering)

#### Rapid Publication:

manuscripts are peer-reviewed and a first decision is  
provided to authors approximately 16.8 days after  
submission; acceptance to publication is undertaken in 2.4  
days (median values for papers published in this journal in  
the first half of 2025).