

Special Issue

Thermal Management of Power Electronic Components and Systems

Message from the Guest Editors

The aim of this Special Issue is to provide a forum for a discussion of the advances and new technology development in the thermal management of power electronics. Papers dealing with the aforementioned limitations and challenges are invited. Also relevant are studies about energy efficiency, heat transfer processes (especially studied by an approach that couples experimental measurements with theoretical/numerical modeling), as well as the use of nanofluids, enhanced surfaces, nanocoatings, and phase change materials. All original research papers or letters and short reviews are welcome. We cordially invite a contribution from you (i.e., either a research paper, review article or communication), for peer review and possible publication to this Special Issue. Details can be found: [Thermal Management of Power Electronic Components and Systems](#)

Guest Editors

Prof. Dr. Hongwei Wu

School of Physics, Engineering and Computer Science, University of Hertfordshire, Hatfield AL10 9AB, UK

Prof. Dr. Xiaoze Du

School of Energy, Power and Mechanical Engineering, North China Electric Power University, Beijing 102206, China

Deadline for manuscript submissions

closed (1 February 2022)



Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



mdpi.com/si/80646

Applied Sciences
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
applsci@mdpi.com

mdpi.com/journal/

[applsci](https://mdpi.com/journal/applsci)





Applied Sciences

an Open Access Journal
by MDPI

Impact Factor 2.5
CiteScore 5.5



[mdpi.com/journal/
applsci](https://mdpi.com/journal/applsci)



About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal *Applied Sciences* has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32,
20133 Milano, Italy

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, SCIE (Web of Science), Ei Compendex, Inspec, Embase, CAPIus / SciFinder, and other databases.

Journal Rank:

JCR - Q2 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)