



Power/Performance Analysis for Embedded Mobile Applications and Devices

Guest Editor:

Dr. Liang-Bi Chen

Department of Computer Science
and Information Engineering,
National Penghu University of
Science and Technology, Penghu
880011, Taiwan

Deadline for manuscript
submissions:

closed (30 September 2021)

Message from the Guest Editor

Dear Colleagues,

The Guest Editor is inviting submissions to a Special Issue of *Energies* on the subject of “Power/Performance Analysis for Embedded Mobile Applications and Devices.” Power and performance are vital terms for power/energy-aware embedded mobile applications and devices. Recently, there have been many emerging techniques for power/energy-aware embedded mobile devices. Moreover, artificial intelligence (AI) and Internet of Things (IoT) techniques and applications are also interesting topics for power and energy researchers.

This Special Issue will deal with advanced optimization, control, analysis, and prediction techniques for power/energy-aware embedded mobile applications and devices. The topics of interest for publication include, but are not limited to:

- Power analysis;
- Energy analysis;
- Performance analysis;
- Power-aware embedded systems;
- Energy-aware embedded systems;
- Low-power systems design;
- Dynamic voltage and frequency scaling (DVFS);
- Workload prediction;
- Power management;
- Green electronics;
- Internet of Things (IoT);
- Artificial intelligence (AI);





energies



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Enrico Sciubba

Department of Mechanical and
Aerospace Engineering,
University of Roma Sapienza, Via
Eudossiana 18, 00184 Roma, Italy

Message from the Editor-in-Chief

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.

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 Compindex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: CiteScore - Q1 (Control and Optimization)

Contact Us

Energies Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/energies
energies@mdpi.com
[X@energies_mdpi](https://twitter.com/energies_mdpi)