## Special Issue

# Energy-Efficient AI-Empowered Communication Networks

### Message from the Guest Editors

The goal of this Special Issue is to disseminate knowledge regarding recent AI technologies, jointly considering performance and energy efficiency. Review and survey papers on these topics are also welcome. Potential topics include, but are not limited to, the following:

- Architecture and infrastructure for energy-efficient artificial intelligence in communication networks;
- Energy-efficient AI-based network access control system in communication networks;
- Energy-efficient AI-based rate control system in communication networks;
- Energy-efficient AI-based caching system in communication networks;
- Energy-efficient AI-based offloading system in communication networks;
- Energy-efficient AI-based security system in communication networks;
- Energy-efficient AI-based resource management system in communication networks;
- Testbed/prototype for energy-efficient AI for communication networks;
- Network theory for energy-efficient AI in communication

### Guest Editors

**Prof. Dr. Sangheon Pack**

School of Electrical Engineering, Korea University, Seoul 02841, Republic of Korea

**Prof. Dr. Haneul Ko**

Department of Computer Convergence Software, Korea University, Sejong, Korea

### Deadline for manuscript submissions

closed (30 August 2021)

# Energies

# About the Journal

### 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.

### Editor-in-Chief

Prof. Dr. Enrico Sciubba
Department of Mechanical and Aerospace Engineering, University of Roma Sapienza, Via Eudossiana 18, 00184 Roma, Italy

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