



## Energy-Aware and Efficient Computing and Communications, Volume II

Guest Editors:

**Prof. Dr. Sean (Seok-Chul)**

**Kwon**

Department of Electrical  
Engineering, California State  
University, Long Beach, CA 90840,  
USA

**Prof. Dr. Jong Kook Kim**

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

**Dr. Joongheon Kim**

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

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### Message from the Guest Editors

Recently, power and energy consumption has become an issue because of mobile devices, high-performance computing systems, and various communication systems. For example, data centers consume huge amounts of electricity in operating massive numbers of servers and networking devices. Embedded systems for vehicles and mobile systems are energy constrained and therefore need energy awareness and efficient operation of resources to minimize the power/energy consumption. There are many efforts to efficiently use energy (e.g., smart and micro grids). Additionally, many people and institutions are looking at Green IT, where using less energy to conserve our planet and reducing pollution is the objective. It has become essential to design and build systems that reduce or efficiently use power/energy.

Topics include but are not limited to:

- energy-aware computing
- energy-aware communication systems
- power efficient circuit design
- power efficient embedded systems
- green IT
- green IoT
- energy-efficient communication
- green communications
- energy-aware mobile platforms
- energy-aware machine learning and neural networks
- artificial intelligent techniques for energy-aware computing





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## Editor-in-Chief

### **Prof. Dr. Flavio Canavero**

Department of Electronics and  
Telecommunications,  
Politecnico di Torino, 10129  
Torino, Italy

## Message from the Editor-in-Chief

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*Electronics* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

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