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Challenge and Research Trends of Power System Simulation

Guest Editors:

Prof. Dr. Chul-Hwan Kim

College of Information and Communication Engineering, Sungkyunkwan University, Seoul 100744, Korea

Prof. Dr. Gi-Hyeon Gwon

Department of Smart Electrical & Electronic Engineering, Yonam Institute of Technology, Jinju-si 52821, Gyeongsangnam-do, Korea

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Message from the Guest Editors

Due to the connection of renewable energy, advanced electrical equipment, various operating systems, and power electronics-based facilities, the modern power system is gradually increasing in complexity and diversity unlike the conventional power system. Therefore, the development of advanced simulation methods is required for the steady-state and transient analysis of such complex power systems. To meet these demands, a challenging and creative power system simulation method of various simulation tools should be developed, which should be shared with many researchers.

This Special Issue will deal with manuscripts on challenging and creative simulation methods for all fields related to power systems, regardless of program type. Even if the subject of the paper does not exactly match the keyword, we welcome and ask for participation of many researchers.

Keywords:

- Power System Simulation
- Real-Time Simulation
- Transient Analysis Simulation
- Power System Component Modelling
- Steady-State Analysis Simulation
- Computer Simulation





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Prof. Dr. Enrico Sciubba

Department of Mechanical and Industrial Engineering, University Niccolò Cusano, 00166 Roma, Italy

Message from the Editor-in-Chief

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