Special Issue

Electromagnetic Compatibility in Power Systems and Smart Cities

Message from the Guest Editors

Power systems and urban environments are shifting toward smarter, data-driven, dynamic, and highly integrated solutions recognizable under the broad classifications known as smart grids and smart cities. Issues related to electromagnetic compatibility (EMC) are a well-known topic that every system should overcome during each development stage and technology readiness level (TRL). Scholars, academic scientists, researchers, Ph.D. students, and professional groups are invited to submit original contributions, including post-conference papers in related, but not limited to the following topics:

- Electromagnetic compatibility (EMC)
- Electromagnetic pollution
- Low-frequency magnetic field exposure
- High-frequency magnetic field exposure
- Finite element method (FEM)
- Electric vehicles and battery chargers
- Charging stations for electric vehicles
- Trains and electrical railway systems
- Renewable energy sources (RES)
- Electromagnetic interference (EMI)
- Power systems
- Power lines and power cables
- Magnetic fields and stray/leakage magnetic fields
- Windings and coils
- Power electronic converters
- Smart grids
- Smart cities
- Transformers

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Deadline for manuscript submissions

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Message from the Editor-in-Chief

Editor-in-Chief

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