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Cyber-Physical Systems for Smart Grids

Guest Editor:

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Deadline for manuscript submissions:
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Message from the Guest Editor

Dear Colleagues,

This Special Issue aims to publish articles that provide novel insights, theories, and solutions for smart grids viewed as cyber–physical systems. The subject areas may range from methods for the analysis of complex energy systems, where advanced mathematics and measurement techniques are used to tackle the complexity of future smart grids stemming from renewable generation, from the management of flexibility and storage, to vehicle-to-grid challenges, and planning and scheduling under increased uncertainty, to name a few.

Prof. Dr. Tamás Keviczky
Guest Editor

Keywords: Cyber-Physical Systems;Smart Grids; Energy Conversion and Storage; Power-to-X Concept; Electric Vehicle Charging; Microgrids; Heat-, Power- and Gas-networks; Renewables; Distribution; Digitalization; Data Analytics; Control Systems; Algorithmic Design; Optimization, Planning, and Scheduling in Smart Grids.

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Message from the Editor-in-Chief

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