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Sensors for Smart Grids

Guest Editor:

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Message from the Guest Editor

Advances in sensing devices, digital technologies, and communications together make it possible to achieve accurate, online, real-time monitoring of the grid and intelligent, automated control of its operation. To this end, the sensors play a crucial role in the smart grid. Sensors deployed throughout the whole network to the grid edge enable capturing detailed information about the state of the grid, which includes not only time-synchronized electrical parameters but also many other physical parameters that are relevant to the health of the grid components for proper functioning. In this context, we are looking for contributions to the Special Issue “Sensors for Smart Grids” on novel developments in the science and technology of sensors and sensing systems. The scope also extends to associated aspects, such as signal processing, algorithms, and data analytics that enhance the sensor’s performance.



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Special Issue



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Message from the Editor-in-Chief

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