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Applied Artificial Intelligence in Energy Systems

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Message from the Guest Editor

The recent advances in sensor technologies, renewable generations, Internet of Things, and smart appliances are changing the grid systems, as we know it, world-wide. Hence, the emergence of phrases such as “smart grid”; “smart homes”; “resilient grid”; among others. Some of the common features among these phrases are sensors, big data, intelligent control systems, distributed decision framework, and cognitive decision support systems. The fundamental premise of these advances is an energy system that will maintain its functions despite internal and external perturbations. The goal of this special issue is to publish both innovative and practical solutions to energy systems using artificial intelligence techniques. This issue will deliver clear proof of the services that AI is, or will be, providing to Energy Systems.

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Message from the Editor-in-Chief

Smart Cities provides an advanced forum for the dissemination of information on the science and technology of smart cities. It publishes reviews, regular research papers (articles) and communications in all areas of research concerning smart cities. Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers so that the full experimental results can be reproduced. Manuscripts regarding research proposals and research ideas are particularly welcome.

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