Special Issue

Intelligent Control in Smart Energy Systems

Message from the Guest Editors

In this Special Issue, entitled "Intelligent Control for Smart Energy Systems", we want to look at a few of the latest applications using intelligent control applied to the areas in energy systems that will most benefit from this holistic approach, such as but not limited to: 1) Energy management systems capable of learning how to schedule the energy allocation at minimum cost on the base of the electricity market prices; 2) Integration of intelligent control strategies for microgrid systems to be capable of integrating and managing multiple distributed energy resources. 3) Intelligently integrated behavior and actions of all the actors (generators, consumers and prosumers, maintenance team) connected to the electric energy system to supply safe, economical, and sustainable electricity; 4) Combining two emerging technologies, smart buildings and microgrid systems, to include the improvements of indoor comfort and electric energy efficiency. Both should be obtained by developing an effective building energy management system to minimize power consumption without compromising the occupants' comfort.

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Deadline for manuscript submissions

closed (31 January 2022)

Applied Sciences

About the Journal

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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