



Smart Home Design

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Deadline for manuscript
submissions:

closed (10 December 2022)

Message from the Guest Editors

Dear Colleagues,

A smart home is a place that is equipped with information technology and computing; it can accept as well as respond to the resident's requests. The main purpose is to provide the resident with a comfortable, convenient, safe, and joyful life through the managing of various technologies at home. A smart home system supports the control of several different systems in a household (e.g., heating, air conditioning, security, lighting, and audio/video systems) and is labeled with the term *smart homes*. As more and more home appliances and consumer electronics are deployed, the power consumption in the home area (i) tends to increase and (ii) leads to an increase in the risk of a power blackout. As a result, an intelligent smart home energy management system is needed for smart homes, which is responsible for observing and handling the working operations of home appliances. This Special Issue on smart homes focuses on bringing original research and literature reviews from different areas related to system design, analysis, operation, simulation, and control of power. Manuscript submissions in the areas mentioned as keywords below are highly encouraged.





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Message from the Editor-in-Chief

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