



Smart Home Design, 2nd Edition

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Message from the Guest Editors

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. Its main purpose is to provide the resident with a comfortable and convenient 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 accordingly. As more and more home appliances and consumer electronics are deployed, the power consumption of the home (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, which is responsible for observing and handling the working operations of home appliances, is needed for smart homes. This Special Issue focuses on original research and literature reviews from different areas related to their system design, analysis, operation, simulation, and control of power. Manuscript submissions in the areas mentioned are highly encouraged.





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Message from the Editor-in-Chief

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