

# Special Issue

## Smart Home 4.0

### Message from the Guest Editors

To deal with such complexity, unified, minimal, and “smart” control interfaces will be needed: the recent boost of artificial intelligence techniques is providing new tools for both human–machine interaction and automation. The smart home environment, due to its centrality for human beings, constitutes a privileged vantage point to survey the technological paradigm known as Industry 4.0. The purpose of this Special Issue is to explore the smart home 4.0, i.e. the smart home in the face of the fourth industrial revolution, from a wide spectrum of points of view: technology and frameworks, applications, but also theoretical models and algorithms, as well as technical regulations and standards. The criteria for manuscript acceptance will be novelty and the potential breadth and contribution to the field, and experimental implementations and empirical proofs are also encouraged. Prof. Dr. Antonio Pescapé  
Keywords: smart home; industry 4.0; home automation; internet of things; smart grids; artificial intelligence; smart sensors; home appliances; security, privacy, sustainability; user experience

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### Deadline for manuscript submissions

closed (28 February 2021)



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*Energies* is an international, open access journal in energy engineering and research. The journal publishes original papers, review articles, technical notes, and letters. Authors are encouraged to submit manuscripts which bridge the gaps between research, development and implementation. The journal provides a forum for information on research, innovation, and demonstration in the areas of energy conversion and conservation, the optimal use of energy resources, optimization of energy processes, mitigation of environmental pollutants, and sustainable energy systems.

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