

## Special Issue

# Energy Management for Smart Buildings

### Message from the Guest Editors

The adoption of new IT technologies driven by legislation and economic changes is reflected in the increased smartness of energy system applications and of buildings in particular. The role of buildings is changing from passively consuming energy to playing an active role in local grid control and optimization strategies, while focusing on occupant well-being through indoor environment monitoring. Energy management solutions for buildings concern the efficient synchronization of distributed energy generation from renewable energy sources, energy storage, smart charging of electrical vehicles, vehicle to grid, smart metering or load shifting through demand response. Advances on intelligent and connected devices, smart sensors, and controllers integrated with building energy management systems (BEMS) are of great interest, alongside novel sensor data analytics approaches for efficient information extraction. Control strategies and decision support systems for energy management in smart buildings can also be considered. The Special Issue welcomes quality submissions addressing both conceptual as well as technological approaches in the abovementioned areas of interest.

### Guest Editors

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### Deadline for manuscript submissions

closed (28 February 2022)



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### Message from the Editor-in-Chief

*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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