

## Special Issue

# Cloud Computing Systems and Energy Efficient Utilization

### Message from the Guest Editor

Cloud computing systems have demonstrated exponential growth over the last decade and quickly become the dominant computing infrastructure. By the end of 2020, two-thirds of enterprise infrastructure will be cloud-based; additionally, 82% of the workload will reside in the cloud (<https://techjury.net/stats-about/cloud-computing/>). Therefore, any improvements in the energy efficiency of cloud systems will also improve the global energy efficiency of computing. This Special Issue invites submissions addressing all aspects of energy efficiency in cloud computing systems at all levels. Manuscripts reporting accurate application-level power and energy predictive models, and energy measurement methods and tools are particularly welcome. Methods on the optimization of multiple objectives are also welcome but must include energy consumption as one of the primary objectives.

### Guest Editor

Dr. Alexey Lastovetsky

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### Deadline for manuscript submissions

closed (15 November 2020)



## Energies

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## About the Journal

### 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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### Editor-in-Chief

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