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Green Network Technologies and Renewable Energy Systems

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Deadline for manuscript
submissions:

closed (20 October 2021)

Message from the Guest Editor

Dear Colleagues,

The Guest Editor is inviting submissions to a Special Issue of *Energies* on the subject area of “Network Technologies to Enable the Transition to 100% Energy Renewable Ecosystems”.

The new generation of networks enables the massive connectivity of devices, increases the capacity and guarantees the latency. 5G, IoT and virtualization technologies promise new energy aware applications in a broad range of fields and verticals, such as smart cities, smart homes, industrial environments or energy providers. It is expected the support for real time negotiations between the consumer and the energy suppliers about the energy demands and the availability, considering the mixing of renewal and non-renewal sources. In the future it is expected the need of full energy renewal ecosystems. In this field, Artificial Intelligence (AI) strategies are a relevant topic towards the intelligentization of the network. Security and privacy are also relevant topics in terms of the information exchanged in the ecosystem...

Prof. Xavier Hesselbach



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Special Issue



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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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