Special Issue

Organic Rankine Cycle for Energy Recovery System

Message from the Guest Editor

Organic Rankine Cycle (ORC) is an emerging energy system for power production and waste-heat recovery. In the future, this technology can play an increasing role within the energy generation sectors. The ORC is already a well-proven option for large plants, but not all technological aspects are currently solved/optimized; the state-of-the-art still requires cost-effective improvements, in order to enlarge market opportunities. Meanwhile, the ORC is still developing in small-scale and/or micro-generation applications, in which efficient and low-cost components are not fully ready for the market yet and problems must be solved. This Special Issue will focus on the current state-of-the-art and on cutting-edge research activities ongoing in ORC technology. Topics of interest for publication include, but are not limited to, the following:

- Waste-Heat Recovery applications
- Advanced thermodynamic cycles
- Combined heat and power generation
- Expanders for waste-heat recovery
- Renewable heat and low-enthalpy applications
- Experiments on micro ORC generators
- New organic fluids for power generation
- New integrations of ORC with other energy systems

Guest Editor

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Deadline for manuscript submissions

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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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