



Organic Rankine Cycle for Energy Recovery System

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Message from the Guest Editor

Dear Colleagues,

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





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Message from the Editor-in-Chief

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