



## Organic Rankine Cycle Systems for Waste-Heat Recovery

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### Message from the Guest Editor

Large amounts of excess heat are wasted in various processes with the Waste Heat Recovery (WHR) market experiencing a high growth globally. For medium to low temperature ranges, ORC is currently the prevailing heat-to-power conversion technology, citing numerous references and many companies with commercial products. Further evolution of ORC is a challenging technological field gathering the strong interest of both scientific and industrial society in aspects such as the increment of thermal efficiency, increase of reliability, working fluids of low/negligible environmental impact, novel systems' architectures, design optimisation, advancements in key components, etc. Thus, key topics of interest of the special issue are:

- system modeling
- new/novel working fluids
- expander technologies
- WHR application
- ORC Variants
- innovative systems' architectures
- heat exchanger
- interaction with other heat generation/handlings sources
- testing of prototypes
- novel control techniques
- polygeneration





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## Message from the Editor-in-Chief

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