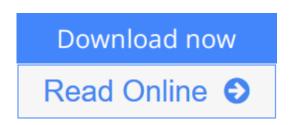


### Organic Rankine Cycle (ORC) Power Systems: Technologies and Applications (Woodhead Publishing Series in Energy)

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- Provides a thorough introduction to ORC power systems
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- Reviews key applications of ORC technologies, including cogeneration from biomass, electricity generation from geothermal reservoirs and concentrating solar power installations, waste heat recovery from gas turbines, internal combustion engines and medium- and low-temperature industrial processes
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#### About the Author

Ennio Macchi is Emeritus Professor at Politecnico di Milano. He has been full professor of "Energy Conversion" at Politecnico for over 30 years and was the first Director of the Energy Department of Politecnico. He was the founder and the scientific coordinator of the internationally recognized Research Group "GECoS" of the Politecnico di Milano. In the '70s, together with his colleagues Prof. Angelino and Prof. Gaia, he initiated the successful Italian activity on ORC. He is the author of more than 200 papers and books on various energy topics and consultant of several Companies, including ORC manufacturers.

Dr Marco Astolfi is an Assistant Professor in the Energy Department of Politecnico di Milano and he is lecturer of Energy Conversion. His studies are focused on the design and the techno-economic optimization of ORC cycles in particular for exploitation of low temperature geothermal sources and solar energy in CSP plants. Besides this topic he is currently working on the design of stand-alone microgrid for rural electrification with a high penetration of renewable energy sources and salinity gradient technologies for energy production.

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