



an Open Access Journal by MDPI

Waste Heat Recovery

Guest Editors:

Prof. Dr. Michel De Paepe

Neuromuscular Reference
Center, Ghent University
Hospital, 9000 Ghent, Belgium

Prof. Dr. Steven Lecompte

Department of Electrical Energy,
Metals, Mechanical Constructions
& Systems, Ghent University,
9000 Ghent, Belgium

Deadline for manuscript
submissions:

closed (31 October 2018)

Message from the Guest Editors

Dear Colleagues,

We invite authors to submit papers on:

Waste heat to useful heat, in which waste heat is used directly in heating networks, industrial processes or converted to other temperature levels (heat pumps, adsorption/absorption cooling, etc.)

Waste heat to power, in which waste heat is used in heat-to-power conversion systems. This includes, among others, organic Rankine cycles (ORC), thermoelectric/thermoacoustic generators and Kalina cycles both applied in stationary and in transport applications.

Waste heat to energy storage, in which waste heat is stored to be used in waste heat to power or waste heat to useful heat concepts in order to match supply and demand.

The contributions may include, but are not limited to, system analysis and integration, component design and evaluation, techno-economic and thermo-economic analyses, operation and control of waste heat recovery systems. Both experimental and theoretical studies are welcome.

Prof. Michel De Paepe

Dr. Steven Lecompte

Guest Editors



mdpi.com/si/15463



an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](#)