



*energies*



an Open Access Journal by MDPI

## Internal Combustion Engine Waste Heat Recovery

Guest Editor:

**Prof. Dr. Sven B Andersson**

Combustion and Propulsion  
Systems Division, Department of  
Mechanics and Maritime  
Sciences, Chalmers University of  
Technology, Gothenburg,  
Sweden

Deadline for manuscript  
submissions:

**closed (20 September 2021)**

### Message from the Guest Editor

Dear Colleagues,

Internal combustion engines operating on fossil fuel consume about 70% of the world's oil production, thereby producing about 10% of the world's carbon dioxide equivalent emissions. Reducing fuel consumption has therefore been the goal of vehicle manufacturers for many years in order to meet market demands and to comply with existing and future legislation. A promising way of increasing fuel efficiency is by recovering waste heat, since more than half of the supplied fuel energy is lost as waste heat (e.g., different forms of cooling losses, exhaust losses, etc.). This Special Issue will deal with different solutions for this technology.

Prof. Dr. Sven B Andersson

*Guest Editor*



[mdpi.com/si/30867](https://mdpi.com/si/30867)

**Special** Issue



# energies



an Open Access Journal by MDPI

## Editor-in-Chief

### Prof. Dr. Enrico Sciubba

Department of Mechanical and  
Aerospace Engineering,  
University of Roma Sapienza, Via  
Eudossiana 18, 00184 Roma, Italy

## 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.

## 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), Ei Compendex, RePEc, Inspec, CAPlus / SciFinder, and other databases.

**Journal Rank:** CiteScore - Q1 (Control and Optimization)

## Contact Us

---

*Energies* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

[mdpi.com/journal/energies](http://mdpi.com/journal/energies)  
[energies@mdpi.com](mailto:energies@mdpi.com)  
[X@energies\\_mdpi](https://twitter.com/energies_mdpi)