

# Special Issue

## Advanced Thermal Systems

### Message from the Guest Editors

In this Special Issue on "Advanced Thermal Systems", we welcome review articles and original research papers, fundamental or applied and theoretical, numerical, or experimental, which explore new concepts in power cycles and energy utilization. Topics of interest include, but are not limited to, the following:

- Power & environment;
- Optimization techniques;
- System simulation;
- Energy storage;
- Exergy and Second Law analysis;
- Finite time thermodynamics;
- Refrigeration and cryogenics;
- Gas & vapour power;
- Heat transfer;
- Combustion processes;
- Component performance;
- Organic Rankine cycles;
- Combined cycles.

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### Guest Editors

Dr. Ivan CK Tam

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Prof. Dr. Sara Walker

Professor in Energy, Director of The Centre of Energy, School of Engineering, Newcastle University, Newcastle upon Tyne NE1 7RU, UK

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### Deadline for manuscript submissions

closed (30 June 2022)



## Energies

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## About the Journal

### 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.

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### Editor-in-Chief

Prof. Dr. Enrico Sciubba  
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