

## Special Issue

# Thermodynamic Optimization

### Message from the Guest Editors

There has been significant progress in the applications of thermodynamic optimization in various thermal and/or energy systems ranging from exergy analysis, exergetic based optimization, application of optimization in several systems such as power plants (e.g., fossil fuel based power plants, renewable based power plants and even their integration), fuel cell systems and their integration, chemical processes (e.g., petrochemical plants, biomass gasification, and ammonia synthesis), low exergy systems for high-performance buildings, distillation and desalination, waste heat recovery (WHR) and the organic Rankin cycle (ORC), advanced cooling and heating systems, energy storage systems, integrated energy systems (e.g., cooling and heating plant (CHP), combined cooling and heating plant (CCHP) and multi-generation), multi-objective optimization, lifecycle optimization, etc. We cordially invite researchers, students and engineers to submit their research papers related to thermodynamic optimization of energy systems for consideration in this Special Issue.

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### Guest Editors

Dr. Pouria Ahmadi

Faculty of Mechanical Engineering, University of Tehran, Tehran, Iran

Dr. Behnaz Rezaie

Applied Energy Research Laboratory, Department of Mechanical Engineering, University of Idaho, 875 Perimeter Drive, MS 0902, Moscow, ID 83844-0902, USA

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### Deadline for manuscript submissions

closed (30 April 2020)



## Entropy

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Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[entropy@mdpi.com](mailto:entropy@mdpi.com)

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The concept of entropy is traditionally a quantity in physics that has to do with temperature. However, it is now clear that entropy is deeply related to information theory and the process of inference. As such, entropic techniques have found broad application in the sciences.

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### Editor-in-Chief

Prof. Dr. Kevin H. Knuth

Department of Physics, University at Albany, 1400 Washington Avenue,  
Albany, NY 12222, USA

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