

## Special Issue

# Two-Phase Flow with Boiling Heat Transfer

### Message from the Guest Editor

The cordially invites submissions to a Special Issue of *Energies* on the subject “Two-Phase Flow with Boiling Heat Transfer”. Boiling heat transfer has been widely used to provide efficient heat removal in energy systems with the help of latent heat exchange between liquid and vapor. Recently, various efforts have been made to understand the pool/flow boiling mechanism using advanced experimental and numerical techniques and to propose innovative methods to improve heat transfer efficiency in energy systems. This Special Issue will deal with recent research in the field of two-phase flow with boiling heat transfer. Topics of interest include, but are not limited to:

- Numerical modeling and simulation of boiling phenomena;
- Advanced measurement techniques of boiling phenomena;
- Pool boiling and bubble dynamics;
- Critical heat flux;
- Film boiling;
- Boiling in practical applications;
- Boiling enhancement techniques;
- Interfacial phenomena

### Guest Editor

Prof. Dr. Byoung Jae Kim

School of Mechanical Engineering, Chungnam National University, 99 Daehak-ro, Yuseong-gu, Daejeon 34134, Korea

### Deadline for manuscript submissions

closed (30 November 2021)



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

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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

Department of Mechanical and Industrial Engineering, University  
Niccolò Cusano, 00166 Roma, Italy

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