



Two-Phase Flow with Boiling Heat Transfer

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Message from the Guest Editor

Dear Colleagues,

The Guest Editor 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





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Message from the Editor-in-Chief

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