



Heat Transfer in Pipe Minichannels: Simulation, Experiment and Application

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submissions:

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Message from the Guest Editors

The Guest Editor is inviting submissions to a Special Issue of *Energies* entitled “ Heat Transfer in Pipe Minichannels: Simulation, Experiment and Application“.

The heat and mass transfer in small passages follows a different course than in the case of macroscale. Modeling the flow in small diameter channels faces many difficulties. The influence of the hydraulic diameter on heat transfer and flow resistance is significant here. This Special Issue will be devoted to innovative techniques to optimize heat transfer in minichannels. The submitted papers should be based on mathematical modeling, numerical simulations, and experimental research. Topics of interest for the publication include but are not limited to:

- Heat transfer enhancement;
- Phase-change transmission;
- Flow resistance;
- Wave phenomena;
- New designs of compact heat exchangers;
- Numerical modeling;
- Experimental research.





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Message from the Editor-in-Chief

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