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# **Applications of CFD in Heat and Fluid Flow Processes**

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Deadline for manuscript submissions: closed (30 June 2023)

#### **Message from the Guest Editors**

A common approach for the accurate solution of complex transport phenomena such as heat and fluid flow is computational fluid dynamics (CFD) to solve any combination of partial differential equations (PDE). This Special Issue will accept unpublished original papers and comprehensive reviews that aim to describe promising methods arising from the implementation of CFD models of heat and flow processes such as:

Predicting the performance of new designs or processes before they are ever manufactured or implemented;

Analyzing the flows and performance of preexisting process equipment in order to reach conclusions on perspective improvements or optimization possibilities.

Keywords:

- heat transfer
- fluid flow
- CFD applications
- process entropy



**Special**sue





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### **Editor-in-Chief**

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#### Message from the Editor-in-Chief

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