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Optimization of Heat and Mass Exchange

Guest Editors:

Prof. Dr. Brian Agnew

Dr. Ivan CK Tam

Dr. Xiaojun Shi

Deadline for manuscript submissions:
closed (15 September 2019)

Message from the Guest Editors

In this Special Issue on " Optimization of Heat and Mass Exchange", we welcome review articles and original research papers, fundamental, applied, theoretical, numerical or experimental on heat and mass transport phenomena. Topics include, but are not limited to:

- Heat exchanger design
- Two-phase flows
- Droplet formation
- Nano-fluids
- Particle dynamics
- Turbulent transport
- Boiling and condensation
- Bubble dynamics
- Entropy generation in heat and fluid flow
- Heat Sinks;
- Numerical simulation of momentum heat and mass transfer
- Flow and heat transfer in micro-channels
- Phase-change materials
- Practical applications

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Message from the Editor-in-Chief

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