

Special Issue

New Advances in Heat Transfer and Fluid Flow

Message from the Guest Editors

Heat transfer and fluid flow are presented in various processes of our daily life. As new technologies are developed, it is necessary to minimize their energetical claims. For these applications, new advances in heat transfer must be carried out to increase the effectiveness of thermal control and decrease the impact on the environment. Hence, techniques in this field have attracted wide attention. Thermal optimization is not the only parameter. The endurance of the accessories used during the thermal process plays a key role when aggressive media are used. For these purposes, atypical materials must be used. They bring some disadvantages that must be overcome by special design. This Special Issue on new advances in heat transfer and fluid flow aims to provide a platform to exchange novel advances in these studies. Topics include but are not limited to:

- Heating or cooling in special applications;
- Numerical and experimental studies in heat transfer and fluid flow;
- Design of heat exchangers;
- Polymeric hollow fiber heat exchangers;
- New approaches in the geometry of heat exchangers;
- Use of atypical materials for the construction of heat exchangers.

Guest Editors

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Deadline for manuscript submissions

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