

Preface

The special issue entitled “Transfer Phenomena in Fluid and Heat Flows IX” of Defect and Diffusion Forum continues a series of themed volumes and presents a collection of works associated to heat transfer and fluid flow phenomena. These topics can be understood in a wider sense as classical diffusion-related topics. The continuous need for improved machines and higher efficiencies, as well as more detailed and accurate theoretical modeling approaches makes it necessary to showcase the latest trends on a regular basis with small intervals between the different volumes in this topical series.

The topics covered in this issue range from food and biomass (e.g. the processing of food), technical applications (e.g. devices, machines, or biomechanics), mathematics and modeling (e.g. analytical and numerical solutions of the describing partial differential equations), to the basic of fluid flow (e.g. mixing, combined modes of heat and mass transfer, visualization etc.).

We hope you enjoy the reading of this collection of these interesting works. By ending, we thank for all the hard work of authors and reviewers that made this topical volume in Defect and Diffusion Forum again possible.

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