

## Preface

The special issue “Transfer Phenomena in Fluid and Heat Flows IV” of the journal “Defect and Diffusion Forum” presents papers covering theoretical and practical aspects of modeling and numerical investigation of the diffusive convection, magnetohydrodynamic mixed convective flows and heat transfer phenomena in different media and engineering objects.

The presented results are of great importance in the study of different convective phenomena, moving fluids and also for practical designing in the field of modern micro- and nanoelectromechanical systems for the technical and biomedical use, various chemical and pharmacological technologies, cooling systems of electrical and electronic components and devices, thermal storage systems and micromixing technologies.

We hope that our special issue will be very interesting and useful for a wide audience of researchers and engineers from area of applied heat and mass transfer.

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Editor