

Preface

The net movement or diffusion of atoms and heat transport (and their interactions) in solids and liquids must surely represent the most basic processes in all of Materials Science and Engineering. This diffusion directly affects the very fabrication and properties of materials. Research of atoms and heat diffusion will continue to provide ways in discovering new materials, their properties, and determining how long they would last in service. Research in this area has been extremely popular in the area of Materials Science and Engineering. The present special topic volume is entitled: “Mass and Thermal Transport in Engineering Materials III” and follows directly on from the previous volume in 2021. This volume again covers atoms and heat diffusion from the atomistic scale up to the macro-scale and represents a cross-section of the wide range of topics in this area.

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