

Preface

The purpose of this Diffusion Foundations volume is to collect a cross-section of contemporary information about real and computational experiments for mass transport in solid and liquid phases. The authors were selected to provide a rigorous description of their chosen research areas. The main aim of the volume is, therefore, to be useful as a type of guide to both contemporary computational and experimental techniques. Another aim of the volume is to demonstrate that computational experiments can be useful for the design and interpretation of real experiments. We draw special attention to the opening chapter from Prof. Helmut Mehrer and Prof. Graeme Murch which provides a comprehensive overview of the history of solid state diffusion.

Professor Irina V. Belova
Professor Graeme E. Murch