SPECIAL ISSUE

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Guest Editors
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PREFACE

The Delft Center for Computational Science (www.cse.tudelft.nl) is a consortium of 18 research groups, comprising some 100 faculty from five different departments of Delft University of Technology, all active in computational science and engineering. The research interests of these groups range from computational electromagnetism to computational turbulence dynamics and simulation of environmental flow systems. A common theme among all groups is the necessity to account for multiple length and time scales, and their mutual interactions. In some cases, these different scales can all be accounted for at the level of continuum physics and partial differential equations, whereas in other cases it is necessary to combine continuum models with discrete (atomistic) models.

On September 19, 2008, the Delft Center for Computational Science and Engineering organized a one-day symposium in which, through poster presentations and lectures by renowned speakers, the research and expertise of the Center were demonstrated to potentially interested users from industry and national labs. From the contributions presented at that symposium, a number of papers were selected, which you will find in this Special Issue of the *International Journal for Multiscale Computational Engineering*.

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