

## Biographical Sketch:

**HARALD VAN BRUMMELEN** (1972) received his PhD in applied mathematics from the University of Amsterdam in 2002. He is currently full professor at Eindhoven University of Technology, where he leads the section on Multiscale Engineering Fluid Dynamics. Van Brummelen is director of the Eindhoven Multiscale Institute and chairman of the ECCOMAS Committee for Computational and Applied Mathematics (ECCAM). He is a recipient of the Bill Morton prize (2001), of a VENI personal career grant from the Dutch Science foundation (2003), and of the Jacques-Louis Lions award (2012).

Van Brummelen's research is concerned with the development, analysis and application of advanced numerical techniques, in particular for free-boundary and interface problems, coupled problems and, more recently, kinetic theory. Together with his co-workers, he has made important contributions to iterative solution methods for free-surface flows and fluid-structure interaction problems and to goal-adaptive finite-element methods for free-boundary problems.