

# IAMCS Workshop on Multiscale Modeling, Advanced Discretization Techniques, and Simulation of Wave Propagation

May 7-8, 2011

King Abdullah University of Science and Technology (KAUST)  
Thuwal, Kingdom of Saudi Arabia

The focus areas of this workshop are:

- Advanced discretization techniques.
- Wave propagation in heterogeneous and random media.
- Subgrid models, multiscale discretization techniques, and uncertainty quantification.
- Solvers.
- Applications to geophysics.
- High-performance computation and visualization tools for large-scale wave simulations.

Supported by:

- King Abdullah University of Science and Technology (KAUST)
- KAUST Global Collaborative Research (GCR)
- Institute for Applied Mathematics and Computational Science (IAMCS) at Texas A&M University (TAMU)
- Institute for Scientific Computation (ISC) at TAMU

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