KAUST-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.

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• 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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