

NSF Workshop On the BEM: Bridging Education and Industrial Applications

April 23-26, 2012

Minneapolis, Minnesota, USA (The University of Minnesota Campus)



Sponsored by the National Science Foundation and the Institute for Mathematics and Its Applications, a workshop on the boundary element method (BEM) will be held on The University of Minnesota campus (in Minneapolis, Minnesota) during April 23-26, 2012. This workshop consists of a two-day short course and a two-day colloquium on advances in the BEM with educational and industrial applications. Researchers and engineers around the world, and students (both graduate and undergraduate) are invited to participate in this workshop.

Scholarships will be given to 30 undergraduate and graduate students from US universities to support their participations in the workshop. Workshop will include poster sessions given by the students. Three students with the top three poster presentations will receive recognition during the workshop.

This workshop will bring BEM leaders around the world to share innovative research and educational practices and define new lines for future research, educational methodologies, and industrial applications of the BEM. A new generation of students will be exposed to the fundamentals, computational implementations, and industrial applications of the BEM.

National Organizing Committee:

Steve Crouch, University of Minnesota (Chair)
Yijun Liu, University of Cincinnati (Co-Chair)
Ernie Pan, University of Akron (Co-Chair)
John Berger, Colorado School of Mines
Alex Cheng, University of Mississippi
Len Gray, Oak Ridge National Laboratory
Sonia Mogilevskaya, University of Minnesota
Subrata Mukherjee, Cornell University
Fernando Reitich, University of Minnesota
Thomas Rudolphi, Iowa State University
Eduard Siebrits, Schlumberger

Local Organizing Committee:

Steve Crouch
Sonia Mogilevskaya
Fernando Reitich

For the workshop program and registration, please contact:

[Dr. Sonia Mogilevskaya](mailto:mogil003@umn.edu), University of Minnesota, *E-mail:* mogil003@umn.edu

For the application of the fellowship and poster competition, please contact:

[Dr. Yijun Liu](mailto:Yijun.Liu@uc.edu), University of Cincinnati, *E-mail:* Yijun.Liu@uc.edu

