

# *Call For Abstracts*

A MiniSymposium On

## *Advances in Boundary Element Methods*

at the

*Sixth U.S. National Congress on Computational Mechanics*

August 1-3, 2001

Hyatt Regency Dearborn, Dearborn, Michigan, U.S.A.

A MiniSymposium on *Advances in Boundary Element Methods* (BEM) is being organized for the Sixth U.S. National Congress on Computational Mechanics (USNCCM). This symposium is intended to bring together engineers and researchers from industries (especially automotive and manufacturing industries), government research laboratories and universities to discuss the recent development and challenges in the development of the BEM. Presentations dealing with all aspects of the BEM formulation and applications in engineering are invited to join this symposium. Topics will include, but are not limited to:

- Solid and fluid mechanics, linear and nonlinear problems;
- Fracture mechanics and fatigue;
- Acoustics and other wave propagation problems;
- Modeling of advanced materials (e.g., composites, smart materials and MEMS);
- Computational techniques (e.g., symmetric Galerkin approach; multipole expansions; fast direct and iterative solvers; and others);
- Other formulations (e.g., boundary node methods, method of fundamental solutions).

**Deadline for submission of a one-page abstract is January 31, 2001.** Abstracts should be sent to one of the organizers listed below by e-mail, fax or postal mail. Notification of acceptance will be sent out by March 15, 2001. General information about the conference, including registration and hotel reservations, can be found at: <http://www.usnccm.org/>.

### *MiniSymposium Organizers:*

#### **Dr. Yijun Liu**

Mechanical Engineering Department  
University of Cincinnati, P.O. Box 210072  
Cincinnati, OH 45221-0072, U.S.A.

*E-mail:* Yijun.Liu@uc.edu

*Tel.:* (513) 556-4607; *Fax:* (513) 556-3390

#### **Dr. Leonard J. Gray**

Oak Ridge National Laboratory  
P.O. Box 2008, Bldg 6012 MS 6367  
Oak Ridge, TN 37831-6367, U.S.A.

*E-mail:* ljg@ornl.gov

*Tel.:* (865) 574-8189; *Fax:* (865) 574-0680

#### **Dr. S. T. (Ravi) Raveendra**

Automated Analysis Corporation  
2805 South Industrial, Suite 100  
Ann Arbor, MI 48104-6767, U.S.A.

*E-mail:* ravi@mail.autoa.com

*Tel.:* (734) 973-1000; *Fax:* (734) 973-1190

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