

ANNOUNCEMENT AND CALL FOR ABSTRACTS

MiniSymposium on Computational Dynamics

To be held at the Fifth U.S. National Congress on Computational Mechanics
Wednesday-Friday, August 4-6, 1999, University of Colorado at Boulder, CO, USA

Symposium Organizers: P. G. BERGAN, S. GOVINDJEE, R. L. TAYLOR AND N.-E. WIBERG

This MiniSymposium will provide a forum for the presentation and discussion of state-of-the-art methods in Computational Dynamics. Papers on development of methods and algorithms as well as practical applications are welcome. The sessions will consist of both invited as well as contributed papers.

Contributions are solicited in the following areas:

- Discretisation techniques in time and space-time
- Adaptivity, accuracy, and error estimation
- Adaptations of algorithms and methods
- Computer implementation
- Computational capabilities and efficiency
- Coupled transient system simulation
- Multiscale dynamics
- Mathematical analysis of dynamical systems
- Important practical applications such as: Structural response to environmental loads, Contact and collision, Dynamic integrity of structures, Dynamics response of flexible and multibody systems.

Submission Instructions:

If you are interested in contributing to this MiniSymposium, please submit a one-page abstract of up to 400 words to one of the four organizers using the *e-mail* alias **dynamics@gough.ce.berkeley.edu** on or before *December 15, 1998*. Mail sent to this alias is automatically forwarded to all four organizers and is the preferred mode of communication.

Please submit abstracts in plain ASCII text format.

If the abstract is co-authored please identify the e-mail of the corresponding author.

Abstracts deemed to fit the scope and objectives of the Symposium will be communicated to the Congress organizers by January 15, 1999, and notification of acceptance will be given by e-mail to the corresponding author. Final versions of accepted abstracts for the book of Abstracts will be due on or before May 15, 1999.

MiniSymposium Organizer Addresses:

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