

ANNOUNCEMENT AND CALL FOR ABSTRACTS

MiniSymposium on Domain Decomposition Techniques

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: DANIEL J. RIXEN AND PATRICK LE TALLEC

This Minisymposium will provide a forum for discussing new advances in Domain Decomposition methods, from the theoretical basis to algorithms, implementation issues and applications to structural and fluid mechanics.

Papers are solicited in the following areas, with some insight on the relevant applications:

- Primal and dual domain decomposition methods
- Iterative solvers and convergence acceleration procedures
- Multigrid and multi-level algorithms
- Non-conforming mesh, fictitious domains and overlapping methods
- Substructuring methods and model reduction
- Domain decomposition for eigenvalue and non-linear problems
- Parallel computing, mesh partitioning and implementation issues
- Industrial applications and software

Submission Instructions:

If you are interested in contributing to this MiniSymposium, please submit a one -page abstract of up to 400 words *by e-mail* to one of the organizers listed below *on or before December 31, 1998*. Abstracts sent by Fax or regular mail will not be considered.

Abstracts may be submitted in one of three forms: (1) plain text, (2) T_EX source compatible with the Plain T_EX format, or (3) Word 6 or 7 document in Rich Text Format (RTF). Please *do not* include figures or graphics. Avoid equations in title or text. Greek letters are acceptable if the abstract is submitted in T_EX or Word. For samples of forms (1) and (2) click links in <http://civil.colorado.edu/usnccm99/Abstracts.d/Information.html>

If the abstract is co-authored it must identify the e-mail of the corresponding author. All subsequent correspondence will take place by e-mail.

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.

A final version for inclusion in the printed book of Abstracts may be submitted before May 15, 1999. This final form is to be sent directly to the Congress e-mail address following the instructions posted on the Web site.

MiniSymposium Organizer Addresses:

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