

TWELFTH U.S. NATIONAL CONGRESS OF APPLIED MECHANICS

University of Washington, Seattle, WA 98195, U.S.A.

26 June–1 July 1994

Sessions are being planned for general lectures, symposia and contributed papers covering all aspects of research which are of general interest to the Applied Mechanics Community. Contributed research papers will be selected from 300–500 word summaries which must be submitted for consideration by October 1993.

Inquiries regarding the Congress should be addressed to :

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The United States National Congress of Applied Mechanics is organized by the United States National Committee on Theoretical and Applied Mechanics under the general sponsorship of the National Academy of Sciences and the National Academy of Engineering. Cooperation Societies are :

American Institute of Aeronautics and Astronautics, American Institute of Chemical Engineers, American Mathematical Society, American Physical Society, American Society of Civil Engineers, American Society of Mechanical Engineers, American Society for Testing and Materials, Society of Engineering Science, Society for Experimental Mechanics, Society for Industrial and Applied Mathematics, Society for Naval Architects and Marine Engineers, Society of Rheology.

CALL FOR PAPERS**SYMPOSIUM ON MATERIAL INSTABILITIES**

1994 ASME Winter Annual Meeting

13–18 November 1994

Material instabilities are a very important feature of plastic deformation, and have a direct effect on deformation processing and dynamic deformation. Their initiation and evolution are determined by the thermomechanical response of the material, stress state and rate, as well as by microstructural effects. A broad appraisal of the state of the art in the theoretical, experimental and numerical aspects of material instability will be carried out.

A symposium of about 30 papers is planned. Full-length papers will be published in a book. Authors of accepted papers will be requested to submit full-length papers by 30 June 1994.

One-page abstracts typed single-spaced on white $8\frac{1}{2} \times 11$ in. bond paper with $1\frac{1}{4}$ in. margins on all four sides are due by 1 March 1994. The authors' names and affiliations should follow a brief title.

Send abstracts to one of the co-organizers of the symposium :

Professor R. C. Batra
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CALL FOR PROPOSALS TO HOST AN IUTAM SYMPOSIUM IN 1996 OR 1997

The United States National Committee for Theoretical and Applied Mechanics (USNC/TAM) is seeking proposals from U.S. authors and institutions to host IUTAM Symposia any time during the years 1996–1997.

The aim of an IUTAM symposium is to assemble a group of active scientists within a well-defined field for the development of science within that field. In order to achieve effective communication with the group, the number of active participants is limited. All IUTAM symposia are therefore reserved for invited participants. Invitations to participate are made by the Scientific Committee solely on the basis of scientific merit. Typical symposia invite about 60 scientists of whom about 25 present prepared lectures.

Proposals to host a symposium should be made on a prepared form which may be obtained from the Secretary of the USNC/TAM. The completed application should be sent to the Secretary not later than 24 January 1994. Applications will be competitively screened by the USNC/TAM. A maximum of five for the two-year period will be forwarded to IUTAM where they will compete with those from other countries. Final decisions will be made by the General Assembly of IUTAM in August 1994. Approximately 12–20 symposia will be scheduled for 1996–97.

For each proposal accepted IUTAM will appoint a Scientific Committee. The chairman will normally be the submitter of the invitation, but the other members will be chosen from the international scientific community. The proposal may indicate a preference for 1996 or 1997, but actual scheduling for the year will be worked out jointly by the Scientific Committee and IUTAM.

IUTAM provides a small amount of financial support to pay some travel expenses, primarily for young scientists and for scientists from developing countries. Organizers of symposia are encouraged to seek additional financial support from other sources.

On request the Secretary of USNC/TAM will send a *Symposium-Invitation Kit* containing an application form, examples of approved applications, and a list of recent symposia. Please address inquiries to :

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