

Minutes of the Fracture and Failure Mechanics Technical Committee Meeting

Held at the 2000 ASME IMECE
Orlando, Florida
November 5-10, 2000

In Attendance:

Jack Beuth
Wayne Chen
Philippe Geubelle
Wolfgang Knauss
John Lambros
Michael Larson
Ken Liechti
Robert McMeeking
Toshio Nakamura
Alonso Peralta
Vikas Prakash
K. Ravi-Chandar
G. Ravichandran
Raman Singh
C.W. Smith
Hareesh Tippur
Mark Walter

Conference Dates Update:

The following are the dates determined for future ASME AMD and related conferences:

June 25-27 2001: [Mechanics and Materials Conference at U.C. San Diego.](#)

November 11 - 16 2001: IMECE, New York (AMD Sessions will be in the first half of the week).

June 23 - 28 2002: [USNCAM at Virginia Tech.](#)

November 17 - 22 2002: IMECE, New Orleans (AMD Sessions will be in the second half of the week).

1. Approval of Minutes:

The minutes for our committee meeting at the 1999 IMECE in Nashville were approved.

2. Proposed Change in the Status of Secretary; Election for Secretary:

It is proposed to change the status of Secretary of this committee so that the person elected to be secretary automatically becomes Vice Chair after two years, and then Chair two years after that. A vote was taken on this rule change and it was approved.

This rule change will take affect immediately and will be applied when new officers take their positions in June of 2001. A new committee Secretary will be elected at the 2001 Mechanics and Materials Conference at U.C. San Diego.

3. Sessions at the Orlando IMECE that were Sponsored by the Committee:

"*Mechanics of Functionally Graded Materials*," organized by John Lambros and Hareesh Tippur (co-sponsored by the Experimental Mechanics and Computational Mechanics Committees)

"*Recent Advances in the Dynamic Behavior of Materials*," organized by Philippe Geubelle, Vikas Prakash and Raman Singh (co-sponsored by the Experimental Mechanics Committee)

4. Announcement of Symposia for the 2001 Mechanics and Materials Conference (at U.C. San Diego) Sponsored by the Committee:

"*Fracture of Multi-Layered Material Systems*"
Organized by Vikas Prakash and Raman Singh

"*Failure due to Environmental Degradation*"
Organized by Raman Singh and Toshio Nakamura

"*Mechanics and Fracture at the Nano and Meso Scales*"
Organized by Alonso Peralta

"*Innovative Experiments on Impact Problems*"
Organized by A. M. Rajendran and Wayne Chen

The deadline for abstract submissions to this conference is January 30, 2001. Persons interested in participating in these individual symposia should contact one of the organizers before this date.

5. Proposed Symposia for the 2001 IMECE in New York City to be Sponsored by this Committee:

Three symposia were proposed. They are:

"*Fracture of Smart Materials*" by Robert McMeeking (3 sessions) There may be an opportunity for some co-sponsorship of this symposium.

"*Material Behavior at teh Microstructure Length Scale*" by Ken Liechti (2 sessions + 3? sessions from the Experimental Mechanics Committee)

"*Mechanics of Cellular Materials*" by Wayne Chen (2 sessions + 3? sessions from the Experimental Mechanics Committee)

6. Other Business

[10th International Conference on Fracture \(ICF\) meeting in Hawaii Dec. 3-7 2001](#)

Those interested in participating in this conference should contact K. Ravi-Chandar immediately regarding submission of an abstract. The official submission deadline was October 1 2000, so this is the very last chance to submit for this conference.

Honors Subcommittee:

Nominations of persons for any ASME awards should be forwarded to G. Ravichandran. Thus far, two nominations for ASME awards have been submitted.

7. Adjournment:

The committee adjourned. Its next meeting will be at the 2001 Mechanics and Materials Conference at U.C. San Diego.