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Announcement

Mesomechanics 2007—Particle and Continuum Aspects of Mesomechanics: Integrity Thresholds for Materials and Structures

Presquîle de Gien, France, 13–17 May 2007

Meso 97 is being organized by Polytech'Lille, France, and East China University of Science and Technology, China. The co-chairmen are Professor Moussa Nait Abdelaziz of Polytech' Lille, France; Professor George C. Sih of East China University of Science and Technology; and Professor T. Vu-Khanh of the Université du Québec.

Topics associated with threshold phenomena are welcome for presentation. Possible topics include the following:

- Flow through capillary tubes in contrast to pipes
- Laminar and turbulent flow transition
- Heat convection of thin wire in contrast to cylinder
- Electrical conductance of macro- and nano-circuits
- Rubbery and glassy polymers
- Single- and poly-crystal behavior
- Strength of wires and round cylindrical bars
- Uni-axial and multi-axial material: linear and non-linear response
- Thin and thick plate behavior
- Brittle and ductile fracture
- Small and large crack growth behavior
- Low- and high-temperature effects
- Local and global material property characteristics
- Small and large bodies: size and time effects
- Specimen and structure

Related topics and those associated with life science are also welcome.

Publication of full paper

Those who wish to have their full papers reviewed and published in the *Journal of Theoretical and Applied Fracture Mechanics* please so state in the cover letter or e-mail. An early submission is recommended to allow for review time. Submit two hard copies plus a disk (Microsoft Word only) to Professor George C. Sih, Office of *Journal of Theoretical and Applied Fracture Mechanics*, East China University of Science and Technology, Mail Box 295, 130 Meilong Road, Shanghai 200237, China; e-mail: gcs@ecust.edu.cn and gcs8866@yahoo.com.

Important dates

15 October 2006: Submission of abstracts
15 November 2006: Notification of acceptance
15 January 2007: deadline for full-length papers

Post-conference activity

A post-conference symposium on the use specificity of aeronautics materials is being organized to take place in Morocco, May 22–24, 2007. More details will be made available in the second announcement.