ICOME2009 — Oct. 18–22, 2009

Third Asia-Pacific International Conference on Computational Methods in Engineering — Nanjing, China

Objectives

Computational methods have been playing crucial roles in diverse fields such as mechanical, civil, electrical and electronic engineering. The Japan-China Symposium on Boundary Element Methods (1987, 1988, 1990, 1991, 1993, 1994, 1996, 1998) held in Japan and China, First Pan-Pacific Conference on Computational Engineering (PCCE93, 1993) in Seoul Korea, and the Asia-Pacific International Conference in Computational Methods in Engineering (2003 in Sapporo Japan, 2006 in Hefei China) have made substantial contribution on the computational methods. It is our great pleasure to announce that, following these successful conferences, the Third Asia-Pacific International Conference in Computational Methods in Engineering 2009 (ICOME2009) will be held in Nanjing, China to make eager discussion on recent development and exchange the latest ideas. One of the prior aims of this conference is to assimilate the newest computational methods which have independently been developed in the computational mechanics and different fields for co-evolution of different fields. Emphasis is also placed on the application of the latest approaches to computational methods, such as knowledge-based technique, machine learning, soft computing, parallel and grid computation and Web-based distributed computation which will open the door to future computer aided design.

Proposed Topics

- Boundary Element Methods·
- Elasticity & Elastoplasticity
- Elastodynamics
- Contact Mechanics
- Fluid Mechanics
- Static, Quasi-static Electromagnetic Fields
- Electromagnetic Waves
- Coupled Problems

- Meshless Methods
- Mathematical Aspect
- Numerical Techniques
- Application of Soft Computing, Knowledge Engineering, and Machine Learning
- Optimization
- Inverse Problems
- Web, IT-based Computer-aided Engineering

Call for Papers

Papers are invited on the topics related to the computational engineering. Abstract of approximately 500 words in PDF format, or in plain text format when no equations and figures are included, should be upload to the conference website
http://em.hhu.edu.cn/icome2009/

Publications

All the accepted full papers will be published in a Proceedings CDROM and a printed volume of abstracts is available at the conference. The abstract must not exceed two (2) pages of A4 sheet. The template of the full paper and abstract can be downloaded from the Conference Website. Some author-requested papers can be recommended to publish at the Journal "Acta Mechanica Solida Sinica" after twice peer review (the first organized at the conference and the second the second by the journal).

Important Dates

Deadline for abstract within two pages of A4 sheet: **June 8, 2009**
Notification of acceptance: **June 20, 2009**
Deadline for final full manuscript: **September 8, 2009**
Conference: **October 18-20, 2009**

Sponsored by

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Conference Location and Post-Conference Workshop
The conference will be held in Nanjing, China, the capital city of Jiangsu province. The conference will be hosted by the Hohai University, a famous University in China. A two-days Post-Conference Workshop will be held in Yangzhou and Zhenjiang, two cities with nice scenery near Nanjing.

Conference Website
Information of this conference will be announced through the Internet. Look for more information about ICOME2009 at the conference website   http://em.hhu.edu.cn/icome2009/

Visa Application
The local organizing committee will offer the certification to help you get the visa to attend the conference in Nanjing, China.