ICOME2006

Nov. 14-16, 2006
Hefei, China

Second Asia-Pacific International Conferece on Computational Methods in Engineering 2006

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 First Asia-Pacific International Conference in Computational Methods in Engineering 2003 (ICOME2003) in Sapporo Japan, have made substantial contribution on the computational methods. It is our great pleasure to announce that, following these successful conferences, the Second Asia-Pacific International Conference in Computational Methods in Engineering 2006 (ICOME2006) will be held in Hefei, China to make hot discussion on recent development and exchange the latest ideas. One of the prior aims of this conference is to fusion the newest computational methods which have independently been developed in the computational mechanics and electromagnetism for co-evolution of both fields. Emphasis is also made 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 above topics in computational engineering. Abstract of approximately 500 words in PDF format, or in plain text format when no equations and figures are included, should be submitted electronically to the conference organizer

demyzh@tsinghua.edu.cn

The abstract must not exceed two (2) pages of A4 sheet. Look at the symposium web page for a sample abstract. All the accepted papers will be published in a Proceedings CDROM. Information of this symposium will be announced through the Internet. Look for more information about ICOME2006 at

Important Dates

Deadline for abstract within two pages of A4 sheet: **May 1, 2006**
Notification of acceptance: **May 31, 2006**
Deadline for final full manuscript: **August 1, 2006**
Conference: **November 14-16, 2006**
Please note that during the symposium a soft-cover volume of abstracts and a published Proceedings CDROM will be available.

Sponsored by

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Conference Location
The conference will be held in Hefei, China, the capital city of Anhui province. The conference will be hosted by the University of Science and Technology of China, a famous University in China, and it is also world well-known.

Post-Conference Tour
A two-days Post-Conference Tour (Nov. 17-18) to Yellow Mountain will be organized. The Yellow Mountain, or Huangshan, is located in the south of Anhui province in eastern China. Famous for its magnificent landscape, the mountain has been ranked as one of the ten best scenic spots in China by public votes. The scenic landscape with soaring peaks and elegant pine trees will convince you that it is the most beautiful mountain in China.