

ICOME2015 **Oct. 11-13, 2015**

Fifth Asia–Pacific International Conference on Computational Methods in Engineering Hangzhou, China

Objectives

Computational methods have been playing crucial roles in diverse fields such as mechanical, civil, architectural, electrical and electronic engineering as well as in science. The Japan-China Symposia 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 Conferences in Computational Methods in Engineering (2003 in Sapporo Japan, 2006 in Hefei China, 2009 in Nanjing China, 2012 in Kyoto Japan) have made substantial contribution to computational methods. It is our great pleasure to announce that the Fifth Asia-Pacific International Conference in Computational Methods in Engineering 2015 (ICOME2015) will be held in Hangzhou, China, following these successful previous conferences. The aim of this conference is to discuss newest achievements of computational methods in different fields of engineering and science. Emphasis is placed on fundamentals as well as on applications related to the latest developments of computational methods.

Topics

New developments, methods and achievements in fields related to computational mechanics and numerical engineering simulation. Including but not restricted to

- Boundary Element Methods
- Meshless Methods
- High-performance Finite Element Methods
- Mathematical Analysis of Numerical Methods
- Fast Algorithms
- Numerical Techniques
- Elasticity & Elastoplasticity
- Elastodynamics
- Other subjects such as Soft Computing, Knowledge Engineering, Machine Learning and Web/IT- based or Computer-aided Engineering
- Contact Mechanics
- Fluid Mechanics
- Static, Quasi-static Electromagnetic Fields
- Electromagnetic Waves
- Coupled Problems
- Optimization
- Inverse Problems

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:// www.cesc.zju.edu.cn/ICOME2015/](http://www.cesc.zju.edu.cn/ICOME2015/)

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.

Important Dates

Deadline for abstract within two pages of A4 sheet: **June 1, 2015**

Notification of acceptance: **June 10, 2015**

Deadline for final full manuscript: **September 1, 2015**

Conference: **October 11-13, 2015**

Sponsored by

China Society of Computational Mechanics, China

China Society of Theoretical and Applied Mechanics, China

Japan Society for Computational Methods and Engineering (JASCOME), Japan

Organized by

Zhejiang University, Hangzhou, Zhejiang, China

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Conference Location and Combined Conferences

The conference will be held in Hangzhou, China, the capital city of Zhejiang province. The conference will be hosted by the Zhejiang University, a famous University in China. The 11th National Conference on Computational Methods in Engineering will be fully combined with this conference, similar as the previous ICOME 2006 and ICOME 2009. This time the conference will also be combined with the Joint International Conference on Trefftz Method and Method of Fundamental Solutions, in the same time but with separated conference rooms and sessions.

Conference Website

Information of this conference will be announced through the Internet. Look for more information about ICOME2015 at the conference website [http:// www.cesc.zju.edu.cn/ICOME2015/](http://www.cesc.zju.edu.cn/ICOME2015/)

Visa Application

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