

The 7th Asia-Pacific International Conference on Computational Methods in Engineering November 2-5, 2023, Xiamen, China First Round Announcement



Website:
<http://ICOME2023.dlut.edu.cn>
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Introduction

Welcome to the 7th Asia-Pacific International Conference on Computational Methods in Engineering (ICOME 2023). This conference series was developed based on the eight times of the Joint China-Japan/Japan-China Symposium on Boundary Element Method (BEM) in 1980s and 1990s. The scope of participants gradually expanded from China and Japan to Asia-Pacific countries and regions. In addition to the BEM, the themes of the conference have been significantly expanded to meshfree and particle methods, high performance and generalized finite element methods, and other advanced computational methods in engineering. The previous six events of this conference series have been held in Sapporo, Japan (2003), Hefei, China (2006), Nanjing, China (2009), Kyoto, Japan (2012), Hangzhou, China (2015), and Dalian, China (2019).

The 7th Asia-Pacific International Conference on Computational Methods in Engineering will be held in Xiamen, China, during November 2-5, 2023, and will be hosted by Xiamen University. The conference venue will be the on-campus Science and Art Center of Xiamen University. This coming conference provides a wonderful platform to exchange the latest research in the broad field of computational methods in engineering, which will bring together researchers and practitioners in academia, government, and industry from Asia-Pacific countries and regions as well as other places around the world.

Xiamen is a beautiful seaside city and located in the center of the west coast of Taiwan straits and the southern Fujian golden triangle area. It is one of the most popular places in China for the tourists from all over the world. The mean temperature is 20.9°C through the year and usually the temperature in November is 18-25°C. Xiamen Gaoqi International Airport is located at the northeastern corner of Xiamen island and the transportation within Xiamen city is very convenient.

We are looking forward to seeing you in Xiamen for ICOME2023!



Topics

The topics of ICOME 2023 cover the broad field of computational methods in engineering, including but not limited to:

- 1 Boundary Element Methods
- 2 Fundamental Solution, Trefftz and Other Mesh-Reduction Methods
- 3 Meshfree and Particle Methods, Peridynamics
- 4 High Performance and Generalized Finite Element Methods, Isogeometric Analysis
- 5 Novel Computational Methods for Engineering and Science
- 6 Multiscale and Multiphysics Problems and Methods
- 7 Damage and Failure Modeling and Monitoring of Engineering Structures
- 8 Computational Modeling of Extreme Events
- 9 Data-Driven Computational Models and Methods
- 10 Machine Learning and Artificial Intelligence for Computational Engineering
- 11 Largescale Computations
- 12 Software Development, Verification and Validation



Organization

Sponsored by

- China Society of Theoretical and Applied Mechanics, China
- Chinese Association for Computational Mechanics, China
- Japan Society for Computational Methods and Engineering (JASCOME), Japan

Co-sponsored by

The Journal of Engineering Analysis with Boundary Elements (EABE)

Organized by

- Xiamen University, Xiamen, Fujian, China
- Dalian University of Technology, Dalian, Liaoning, China
- Tsinghua University, Beijing, China

Conference Date and Venue

- Conference Date: November 2-5, 2023 (Registration: November 2; Technical Sessions: November 3-5)
- Conference Venue: Xiamen, China

Conference Organization

Honorary Chair	Zhenhan Yao		
Chair	Xiaowei Gao		
Co-Chairs	Dongdong Wang	Toshiro Matsumoto	Jeng-Tzong Chen



Organization

International Scientific Committee

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Shenshen Chen (China)	Alex Cheng (USA)
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Pai-Chen Guan (Taiwan, China)	Zhongwei Guan(UK)
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Xu Guo (China)	Sohichi Hirose (Japan)
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Jun Hong (China)	Qibai Huang (China)
Qingxue Huang (China)	Yuusuke Iso (Japan)
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Ming Li (China)	Quanbing Eric Li (Hong Kong, China)
Xiaolin Li (China)	Yanping Lian (China)
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Gui-Rong Liu (USA)	Jinxian Liu (Taiwan, China)
Moubin Liu (China)	Yan Liu (China)
Yijun Liu (China)	Yinghua Liu (China)
Zhanli Liu (China)	Zhongxian Liu (China)
Hang Ma (China)	Toshiro Matsumoto (Japan)
Naoshi Nishimura (Japan)	Zhongrong Niu (China)

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Organization

International Scientific Committee

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Xiong Zhang (China)	Yaoming Zhang (China)
Minghao Zhao (China)	Hong Zheng (China)
Yonggang Zheng (China)	Huanlin Zhou (China)
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Zhuo Zhuang (China)	

Local Organizing Committee

Chair	
Dongdong Wang	
Members	
Zhiwei Chen	Jing Gao
Zhijian Qiu	Huakun Wang
Zhixu Xu	Minghui Yang



Outline of Schedule

Abstract Submission

The call for abstracts is now open at <http://ICOME2023.dlut.edu.cn>. Please download the abstract template from the above conference website.

Preliminary Schedule

- Conference registration: **November 2, 2023**
- Conference presentation: **November 3-5, 2023**

Publications

Some excellent presentations will be invited to submitted full-length papers for possible publications in the in special issue of Engineering Analysis with Boundary Elements (EABE) after regular peer-review.

Important Dates

- Abstract Submission Deadline: **June 15, 2023**
- Abstract Acceptance Notice: **July 15, 2023**
- Early-Bird Registration: **July 31, 2023**
- Hotel Reservation Deadline: **August 31, 2023**
- On-Site Registration: **November 2, 2023**
- Conference Date: **November 3-5, 2023**

Note: The conference participants who would like to make an oral presentation are expected to submit a one-page abstract no later than June 15, 2023. Each registered participant can present only one talk.

Contact Information

For inquiries, please send emails to icome2023@163.com.

Visa Application

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

More information on registration and hotel reservation will be provided in the second round announcement.

