



# The 6-th Asia-Pacific International Conference on Computational Methods in Engineering

September 27-30, Dalian, China

(<http://ICOME2019.dlut.edu.cn>)

First Round Announcement

The Asia-Pacific International Conference on Computational Methods in Engineering was developed based on eight times of the Joint China-Japan/Japan-China Symposium on Boundary Element Method. The scope of participants expanded from China and Japan to Asia-Pacific countries and regions. In addition to the BEM, the themes of the conference have been extended to the Meshless Methods, High Performance FEM and other computational methods in engineering. The first conference was held in Sapporo, Japan in 2003. The 2-nd, 3-rd and 5-th conferences were held in Hefei, Nanjing and Hangzhou, China in 2006, 2009 and 2015, respectively. The 4-th conference was held in Kyoto, Japan in 2012. This series of conferences provide an academic exchange platform for scholars from China, Japan and other Asia-Pacific regions working in these fields.

The 6-th Asia-Pacific International Conference on Computational Methods in Engineering will be held during September 27-30, 2019 in Dalian, China, combined with the 12th Chinese National Conference on Computational Methods in Engineering and the 2nd Conference on Boundary Element and Dimension Reduction Methods.

We are looking forward to seeing you at the conference in Dalian, in this September. We believe that you will enjoy the wide variety of activities of the ICOME2019, as well as your stay in this beautiful, elegant city.

## *Topics*

The theory and application of Boundary Element Method, Meshless Method and High Performance Finite Element Method, including but not restricted to

- 1 Boundary Element Method
- 2 Fundamental Solution and Trefftz Method
- 3 Engineering Application of Boundary Element Method
- 4 Coupling of Boundary Element Method with Other Methods
- 5 Meshless and Particle Methods
- 6 Material Point Method
- 7 Coupling of Meshless and Particle Method with Other Methods
- 8 High Performance Finite Element Method
- 9 Extended Finite Element Method
- 10 Multi-scale Analysis Method

11 Large-scale Computation Method

12 Software Development, Verification and Validation

### *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

Beijing International Center for Theoretical and Applied Mechanics, China

### *Co-sponsored by*

The International Journal of Engineering Analysis with Boundary Elements (EABE)

### *Organized by*

Dalian University of Technology, Dalian, Liaoning, China

Beijing Society of Theoretical and Applied Mechanics, Beijing, China

Tsinghua University, Beijing, China

### *Conference Date and Venue*

Conference Date: **September 27-30, 2019**

Conference Venue: **Dalian, China**

### *Conference Organization*

#### **Chairs**

Zhenhan Yao

Naoshi Nishimura

Jeng-Tzong Chen

#### **Vice Chairs**

Xiaowei Gao

Vai Pan Iu

Song Cen

Xiong Zhang

### *International Academic Committee (Sorted by Last Name)*

Song Cen (China)

Haibo Chen (China)

Jeng-Tzong Chen (Taiwan, China)

Weiqliu Chen (China)

Zhen Chen (USA)

Yongqiang Chen (China)

Gengdong Cheng (China)

Alex Cheng (USA)

Yumin Cheng (China)

Fangsen Cui (Singapore)

Miao Cui (China)

Baodong Dai (China)

Raj Das (Australia)

Boyang Ding (China)

Chunying Dong (China)

N. Dumont (Brazil)

Ryuji Endo (Japan)

Chia-Ming Fan (Taiwan, China)

Xiangrong Fu (China)

Zhuojia Fu (China)

Guanpeng Gao (Macau, China)

Xiaowei Gao (China)

Yan Gu (China)

Cheng-Yu Ku (Taiwan, China)

Yuantong Gu (Australia)	Pai-Chen Guan (Taiwan, China)
Zhongwei Guan(UK)	Li Guo (China)
Sohichi Hirose (Japan)	Jun Hong (China)
Qibai Huang (China)	Qingxue Huang (China)
Yuusuke Iso (Japan)	A. Kassab (USA)
Kikuo Kishimoto (Japan)	Li Eric Quanbing (Hong Kong, China)
Leevan Ling (Hong Kong, China)	Chenfeng Li (UK)
Gang Li (China)	Ming Li (China)
Tsung-Lin Lee (Taiwan, China)	Zhichao Lin (Macau, China)
Deyi Liu (China)	Gui-Rong Liu (USA)
Jinxian Liu(Taiwan, China)	Moubin Liu (China)
Yan Liu (China)	Yijun Liu(China)
Yinghua Liu (China)	Hang Ma (China)
Toshiro Matsumoto (Japan)	Zhongrong Niu (China)
Naoshi Nishimura (Japan)	Ernian Pan (USA)
Qinghua Qin (Australia)	Taiyan Qin (China)
Keliang Ren (China)	Guangxian Shen (China)
Shengping Shen (China)	V. Sladek (Slovakia)
E. Strelnikova (Ukraine)	Cheng Su (China)
Rong Tian (China)	Vai Pan Iu (Macau, China)
Decheng Wan (China)	Haitao Wang (China)
Dongdong Wang (China)	Pihua Wen (UK)
Jinyou Xiao (China)	Yufeng Xing (China)
Fei Xu (China)	Yang Yang (Macau, China)
J.P. Yang (Taiwan, China)	Linquan Yao (China)
Weian Yao (China)	Zhenhan Yao (China)
Wenjing Ye (Hong Kong, China)	Dehao Yu (China)
Chuanzeng Zhang (Germany)	Guiyong Zhang (China)
Jianming Zhang (China)	Xiong Zhang(China)
Yaoming Zhang (China)	Minghao Zhao (China)
Yonggang Zheng (China)	Huanlin Zhou (China)
Jialin Zhu (China)	Xiaoying Zhuang (China)

## *Local Organizing Committee*

### **Chair**

Xiaowei Gao

### **Members**

Haifeng Peng

Kai Yang

Jun Lv

Qianghua Zhu

Miao Cui

Bo Ruan

Weizhe Feng

Na Li

## *Abstract Submission*

The abstract template could be downloaded from conference website:

<http://ICOME2019.dlut.edu.cn>

## ***Publications***

Some excellent reports will be invited to be extended into full-length papers, which could be published in special issues of the following international journals after peer-review process

- Engineering Analysis with Boundary Elements (EABE)
- International Journal of Computational Methods (IJCM)
- Mathematic Problems in Engineering (MPE)

## ***Important Dates***

Abstract Submission Deadline: **May 15th, 2019**

Abstract Acceptance Notice: **May 30th, 2019**

Early-Bird Registration: **June 30th, 2019**

Hotel Reservation Deadline: **August 15th, 2019**

On-Site Registration: **September 27th, 2019**

Conference Date: **September 28-30th, 2019**

## ***Contact Information***

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## ***Visa Application***

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