

The International Youth Conference of Bionic Science and Engineering (IYCBSE 2021)

July 16-18, 2021, Shenzhen, China

Honorary Chair

Luquan Ren, Jilin University, China

Conference Chair

Zuankai Wang, City University of Hong Kong, China;

Zhihui Zhang, Jilin University, China

Conference Co-Chair

Zhiguang Guo, Hubei University, China;

Zhihui Qian, Jilin University, China;

Xuemin Du, Shenzhen Institute of Advanced Technology, CAS, China

Local Committee Chair and Co-Chair

Chao Zhong and Bin Wang, Shenzhen Institute of Advanced Technology, CAS;

Qi Ge and Chuanfei Guo, Southern University of Science and Technology;

Xing Ma and Chonglei Hao, Harbin Institute of Technology, Shenzhen;

Xuechang Zhou, Shenzhen University.

Program Chair and Co-Chair

Pengyuan Wang and Zhiyuan Liu, Shenzhen Institute of Advanced Technology, CAS

Plenary Talks

Zhenan Bao, Stanford University, USA (on-line);

Han Ding, HUST, China (on-site);

Lei Jiang, Chinese Academy of Sciences, China (on-site);

David Quéré, École polytechnique, France (on-line);

Zhigang Suo, Harvard University, USA (on-line);

Shuhong Yu, USTC, China (on-site).

Call for Papers

Scope of the Conference

The International Youth Conference of Bionic Science and Engineering Conference 2021 (IYCBSE2021) aims to bring together the world's young researchers and leading scientists to discuss the cutting-edge developments in the vigorous field of bionics. This conference will cover the basic science underpinning bionic systems as well as the applied research in a myriad of exciting areas, and stimulate discussions and exchange of ideas to better translate nature's inspiration to address grand challenges facing us.

This conference will be hosted by the Youth Commission of the International Society of Bionic Engineering (ISBE), jointly organized by City University of Hong Kong, Shenzhen Institute of Advanced Technology, Chinese Academy of Sciences (CAS), and Jilin University.

Hybrid Format

This conference will be held in a hybrid format combining in-person attendance with online streaming to enable all attendees to share, network and interact safely and easily amid the global COVID-19 pandemic.

Conference Topics

- Interfacial and transport phenomena
- Nature-inspired structural and functional materials
- Nature-inspired robots and flexible electronics
- Nature-inspired energy conservation, conversion harvesting
- Bionic implants and systems
- Bionic tissues and organs

Important Dates

Abstract Submission Deadline: 25th May 2021

Notification of Acceptance: 31st May 2021

Early-bird Registration: 30th June 2021

Onsite Registration: 16th July 2021

Conference Presentation: 17th-18th July 2021

Conference Location

Shenzhen Institute of Advanced Technology, CAS, China

Registration

Including registration packet, access to all sessions, coffee breaks, conference bag and USB flash drive with e-book abstracts

Early Student /Late Student (Until June 30th) 1500RMB/1800RMB

Early Non-Student/Late Non-Student 2200RMB/2800RMB

Secretariat

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For more information, please visit the conference website

<https://isbe-2021.scimeeting.cn/>



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