



# International Symposium on Biosurfaces, Biotribology and Biomimics

May 30-31, 2019, Chengdu

## *Scope*

We are delighted to announce that the International Symposium on Biosurfaces, Biotribology and Biomimics will be held in Chengdu, China between 30-31 May 2019. The theme of the symposium is “Crossing Frontiers in Bionic Design and Manufacturing”. It will report and discuss current research on biomaterials & biosurface/interface, biotribology, and bionic manufacturing and their application in engineering systems. **The symposium will be arranged into 3 special sessions: (1) Biosurfaces (2) Biotribology and (3) Biomimics. There will be 3 keynote presentations and 6~7 invited speakers for each session.** This multidisciplinary international symposium will allow participants to hear from leading scientists in the stated research areas, network with colleagues in academia and to explore future research directions of the contemporary biotribology field.

## *Symposium topics*

Oral presentations are invited on the topics below. Abstract should be submitted using the online abstract submission system.

- Tribology-based science on biosurfaces/biointerfaecs
- Functional surfaces of biomaterials
- Bio-lubricants
- Natural biomaterials
- Bionic manufacturing
- Bionic tribo-designs
- Biotribology
- Biomedical devices

## *Support journal*

The symposium is supported by the journal Biosurface and Biotribology (BSBT). It publishes high quality papers on the surface and tribology associated with bio-systems. The scope includes all aspects of tribology-based science and technology on natural bio-surfaces, natural organs and tissues, body fluids, bio-materials and coatings, interfaces between biological tissues and medical, sport devices or articles for daily use as well as bionic tribo-designs. BSBT is indexed by Inspec, Ei compendex. Please refer to [www.ietdl.org/bsbt](http://www.ietdl.org/bsbt) for more information.



## Committee

Chair: Zhong-rong Zhou, Southwest Jiaotong University, China  
Session Chairs: Zhong-min Jin, Southwest Jiaotong University, China  
Jing Zheng, Southwest Jiaotong University, China  
Nan Huang, Southwest Jiaotong University, China  
Xiong Lu, Southwest Jiaotong University, China  
Zhen-dong Dai, Nanjing University of Aeronautics and Astronautics, China  
Zhi-wu Han, Jilin University, China  
Zhi-guang Guo, Chinese Academy of Sciences, China

### Committee:

Peter S. Ungar University of Arkansas, USA	Ducan Dowson University of Leeds, UK
Vincent Fridrici Ecole Centrale de Lyon, France	Yoshinori Sawae Kyushu University, Japan
Zuan-kai Wang City University of Hong Kong China	Shi-rong Ge China University of Mining and Technology, China
Mark Hoffman The University of New South Wales, Australia	Roger Lewis University of Sheffield, UK
H.I. Maibach University of California USA	Wang-long Li National Cheng Kung University, China
Manfred Maitz Max Bergmann Center of Biomaterials Dresden, Germany	Hiromichi Fujie Tokyo Metropolitan University, Japan
Jian-bin Luo Tsinghua University, China	T. Murakami Kyushu University, Japan
Han-shan Dong The University of Birmingham, UK	Nazanin Emami Luleå University of Technology, Sweden
K.Y. Lee Sejong University, Korea	G. Khang Chonbuk National University, Korea
Anne Neville University of Leeds, UK	Lu-quan Ren Jilin University, China
Emile van der Heide University of Twente, The Netherlands	Xin-dong Zhang Sichuan University, China
Wei-min Liu Chinese Academy of Sciences, China	

### Secretariat/Contacts

Dr. Dan Yang (xuebao7@swjtu.edu.cn; bsbt@swjtu.edu.cn)

## ***Expectations***

Abstract	Participants are invited to submit an abstract via the online abstract submission system. The final version will be compiled into a symposium brochure.
Paper submission	<b>Invited participants (Keynote and Invited speakers)</b> are expected to submit a full-length paper for consideration for publication in the journal. The deadline for the manuscript is 1 <sup>st</sup> May, 2019.
Oral presentation	Keynotes 35 min    Invited presentations 25 min

## ***Logistics***

VISA	It will be the participant's responsibility to obtain the necessary Visa to visit China. A tourist (L) visa will be sufficient in most cases. Please be sure to leave plenty of time to obtain your visa, as requirements vary by country and consulate.
International and In-country travel	We ask that participants obtain their own airplane tickets from home airports to Chengdu (CTU).
Accommodations	Single room accommodations will be provided in local hotels

## ***Registration***

Registration fee	300 in US dollars or 2000 in RMB
Hotel	<b>Jing Hu Hotel</b> , near the west gate of Southwest Jiaotong University, Jiuli Campus, Er Huan Lu Bei Yi Duan 111, 610031 Chengdu, China 200-400 RMB per night

## ***Deadlines***

Invited speakers list	Jan 15 <sup>th</sup> , 2019
Confirmation of presence	April 1 <sup>st</sup> , 2019
Abstract	April 1 <sup>st</sup> , 2019
Full-length paper	May 1 <sup>st</sup> , 2019

We sincerely invite you to join the symposium and please circulate the announcement to your colleagues who might be interested.

Thank you all and look forward to seeing you in Chengdu!

Best regards,

On behalf of the organizing committee

Zhong-rong Zhou

School of Mechanical Engineering

Southwest Jiaotong University

November, 2018