



## **2<sup>nd</sup> Asia-Oceania Symposium for Fire Safety Materials Science and Engineering (AOFSM'2)**

**October 27-29, 2017 in Shenzhen, China**



### **Second Call for Papers**

Dear Colleague,

The 2<sup>nd</sup> Asia-Oceania Symposium on Fire Safety Materials Science and Engineering (AOFSM'2) will be held in Shenzhen, China on October 27-29, 2017 by the Beijing Institute of Technology and the Asia-Oceania Association for Fire Safety Materials Science and Engineering. This conference has invited international renowned experts and scholars to present the latest academic progress and engineering applications in the field of fire safety materials.

BIT, which is the host of this symposium, is well known in the academic, and has a long research history in fire safety materials. BIT has established the National Laboratory of Flame Retardant Materials in 1980's and National Engineering Research Center of Flame Retardant Materials in 2010's. The research fields are focusing on novel environmentally friendly high-efficiency flame retardant, fire retarded materials and processing technology, fire safety assessment for materials and products, and exploring new flame retardant mechanisms.

Your contribution and attendance to AOFSM'2 are welcomed. We look forward meeting you in Shenzhen, China on October 27-29, 2017!

The AOFSM'2 conference will focus on the following topics.

#### **Topics**

No.	Topics
1	<b>Fundamental in Fire Behavior and Fire Retardancy</b>
2	<b>Design, Synthesis and Application of Flame Retardants</b>
3	<b>Novel Flame Retardant Polymers and Composites</b>
4	<b>Fire Retardancy of Fibers, Textiles, Foams and Films</b>
5	<b>Biobased Flame Retardant Systems</b>
6	<b>Environmental Concerns, Smoke, and Toxicity</b>
7	<b>Test, Assessment and Simulation on Fire Safety</b>

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### Flame Retardants Half-Day Seminar

Chairman: Jürgen Troitzsch		
1	Welcome and introductory remarks	Jürgen Troitzsch, FEPS, Switzerland
2	Flame retardants, modes of action, trends to polymeric flame retardants	Sergei Levchik, ICL-IP, USA
3	Fire safety regulations and tests: Status and trends	Jürgen Troitzsch, FEPS, Switzerland
4	Fire safety of furniture and E&E equipment: The benefits of flame retardants shown in real-scale testing	Matt Blais, SwRI, USA
5	Fire safety of facades: The role of polymeric flame retardants	Christine Lukas, Dow, UK
6	Fire safety of printed wiring boards: A comparison of additive and reactive flame retardants	Alun Morgan, EIPC, The Netherlands
7	Environment and health aspects: Conventional and polymeric flame retardants	Sam Kacew, University of Ottawa, Canada
8	Final remarks and closure	Jürgen Troitzsch, FEPS, Switzerland

### Organizers

Beijing Institute of Technology

Asia-Oceania Association for Fire Safety Materials Science and Engineering (AOFSM)

Shenzhen Research Institute, Beijing Institute of Technology

China Flame Retardant Society

National Engineering Research Center for Flame Retardant Materials

### Chairman and General Secretary

Chairman: Prof. Rongjie Yang, Beijing Institute of Technology

General Secretary: Prof. Zhengmao Zhou, China Flame Retardant Society

### Scientific Committee

**Serge Bourbigot**, *Unit é Mat ériaux et Transformations, France*

**Giovanni Camino**, *Polytechnic of Turin, Italy*

**Manfred Paul Kurt Döring**, *Fraunhofer Institute for Structural Durability and System Reliability LBF, Germany*

**Sabyasachi Gaan**, *Swiss Federal Lab. for Materials Science and Technology, Switzerland*

**Yuan Hu**, *University of Science and Technology of China, China*

**Miriam Rafailovich**, *Stony Brook University (SUNY), USA*

**Terence Richard Hull**, *University of Central Lancashire, UK*

**P. K. Sahoo**, *Utkal University, Bhubaneswar, India*

**Baljinder Kaur Kandola**, *University of Bolton, UK*

**Jinhwan Kim**, *Sungkyunkwan University, South Korea*

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**Oleg Korobeinichev, ICKC, Russia**

**Jose-Marie Lopez-Cuesta, Ecole Mines Ales, France**

**Takafumi Noguchi, University of Tokyo, Japan**

**Bernhard Schartel, BAM Federal Institute for Material Research and Testing, Germany**

**Kelvin Kei-wei Shen, Rio Tinto Minerals, USA**

**Jürgen Troitzsch, Fire Protection Service, Germany**

**Deyi Wang, IMDEA Materials Institute, Spain**

**Yuzhong Wang, Sichuan University, China**

**Charles A. Wilkie, Marquette University, USA**

**Charles Yang, University of Georgia, USA**

**Rongjie Yang, Beijing Institute of Technology, China**

**Tsung-Yen Tsai, Chung Yuan Christian University, Taiwan, China**

**Guan Yeoh, University of New South Wales, Australia**

**Richard Yuen, City University of Hong Kong, Hong Kong**

### **Local Organizing Committee**

**Haobo Cheng, Shenzhen Research Institute, BIT**

**Jianhua Dong, National Natural Science Foundation of China**

**Zhengping Fang, Zhejiang University**

**Changjun Fu, Shanghai Antu Masterbatch Co.Ltd**

**Jianwei Hao, Beijing Institute of Technology**

**Yuan Hu, University of Science and Technology of China**

**Pingkai Jiang, Shanghai Jiaotong University**

**Jianjun Li, Kingfa Sci. Tech. Co. Ltd**

**Bin Li, North East Forestry University**

**Kang Shen, Beijing ADD-TECH Co. Ltd**

**Tao Tang, ChangChun Institute of Applied Chemistry Chinese Academy of Sciences**

**Anbin Tang, Sichuan Dongfang Insulating Materials Co. Ltd**

**Qi Wang, Sichuan University**

**Yuzhong Wang, Sichuan University**

**Zhengzhou Wang, Tongji University**

**Yanzhi Xia, Qingdao University**

**Jian Xu, Institute of Chemistry, Chinese Academy of Sciences**

**Jianzhong Xu, Hebei University**

**Mingshu Yang, Institute of Chemistry, Chinese Academy of Sciences**

**Guisheng Yang, GENIUS New Mat. Co. Ltd**

**Rongjie Yang, Beijing Institute of Technology**

**Mingqiu Zhang, Sun Yat-sen University**

**Sheng Zhang, Beijing University of Chemical Technology**

**Zhengmao Zhou, China Flame Retardant Society**

**Jin Zhu, Ningbo Institute of materials science and Engineering, Chinese Academy of Sciences**

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### Abstract Submission

1. Extended Abstract should be a brief description of your work, and it can highlight the main contribution of your presentations. Because of the limitation on the number of pages that can be published in the proceedings, the length of the extended abstract is limited to a maximum of two pages. The Abstract Template can be download at <http://www.aofsm2017.org>.
2. Please submit the Extended Abstract of AOFSM'2 through the symposium website <http://www.aofsm2017.org> and the symposium e-mail address [aofsm2017@126.com](mailto:aofsm2017@126.com).

### Important Dates

1. Abstract submission deadline: July 1, 2017.
2. Announcement of abstract acceptance: August 1, 2017.
3. On-site registration: October 27 (whole day), 2017.
4. Symposium sessions: October 28-29, 2017

### Registration Fee

	Before Aug. 31, 2017	After Sep. 1, 2017
Regular Participant	\$600	\$800
Student	\$500	\$700

**Notes:** The registration fees include the proceedings, attendance to all sessions of this conference, coffee breaks, banquet, lunches and dinners during October, 27-29, 2017.

### Contact

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