

## 7<sup>th</sup> International Symposium on Fire-Retardant Materials & Technologies

September 23-25, 2022. Beijing China

[www.isfrmt.org](http://www.isfrmt.org)



### The First Call of ISFRMT 2022

The 7<sup>th</sup> International Symposium on Fire-Retardant Materials & Technologies (ISFRMT 2022) will be held in Beijing, China on September 23-25, 2022!

With the rapid development of society and industry, fire safety has received extensive attention of the government, industry and society in general. Fire-retardant materials are more and more widely used in construction, automobile, electrics and electronics, aerospace, rail transportation, vessels and watercrafts for national economic and social fields. The fire retardancy performances, smoke toxicity and environmental impact have been further put forward higher request. At the same time, the booming development of cutting-edge technologies such as new energy, 5G communications, low carbon and big data has also brought new opportunities and challenges to the fire retardancy field. Over the past 20 years, China's standard systems of fire-retardant materials have gradually been in line with international ones, China has become large country for production and consumption of fire retardant products with rapid development of the industry, and Chinese scholars have made a series of innovative achievements in the field of fire retardant theory and technology. Since 2010, ISFRMT international Conference has been successfully held in Chengdu, Hefei, Changchun, Hangzhou and Qingdao six times. It has promoted active exchanges between Chinese and foreign industry, academia and industry associations in the field of fire retardancy, accelerated the scientific and technological progress and industrial application of fire-retardant materials, and made important contributions to solving fire safety problems, becoming one of the most influential international conferences in the global fire retardant field.

At present, the global COVID-19 pandemic and the rising price of chemicals have impacted the industries involved with fire retardants and fire retarded materials, and adversely affected international academic exchanges in the field. Hence, it is time to hold another ISFRMT International Conference.

The 7<sup>th</sup> ISFRMT will be hosted by Beijing Institute of Technology in Beijing, China in 2022. The symposium themes include New fire retardant design, Bio-based/green fire retardancy, Fire-retardant polymeric materials and composites, Smoke, toxicity & environment impact, Standardization, regulation & assessment on fire retardancy, Fire retardant mechanisms and new concepts, Combustion behaviors, modelling and prediction, Fire safety in new energy field, Sustainable development and recycling of fire-retardant materials.

Looking forward to seeing the experts and scholars from industry, academia, industry associations, testing laboratories and management departments in the field of fire retardancy in Beijing or online, during ISFRMT 2022.

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## Topics

- ◇ New fire retardant design
- ◇ Fire-retardant polymeric materials
- ◇ Smoke, toxicity and environment impact
- ◇ Standardization, regulation and assessment on fire retardancy
- ◇ Fire safety in new energy field
- ◇ Bio-based/green fire retardancy
- ◇ Fire-retardant composites
- ◇ Fire retardant mechanisms and new concepts
- ◇ Combustion behaviors, simulation and prediction
- ◇ Sustainable development and recycling of fire-retardant materials

## Adviser and Organizers

### Advised by

Department of chemical engineering, metallurgy and materials, Chinese Academy of Engineering

### Organized by

Beijing Institute of Technology, China Flame Retardant Society, Sichuan University

## Symposium Chairman

Prof. Yu-Zhong Wang, Academician of the Chinese Academy of Engineering, Sichuan University

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Prof. Rongjie Yang, Beijing Institute of Technology

Prof. Zhengmao Zhou, Beijing Institute of Technology

## Secretary Group

**General Secretary:** Prof. Dinghua Li

**Secretaries:** Prof. Xiangmei Li, Prof. Wenchao Zhang, Prof. Ye-Tang Pan, Dr. Silu Chen

## Conference Venue

Beijing Friendship Hotel

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### International Scientific Committee (In alphabetical order of last name)

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Yu-Zhong Wang	Sichuan University, China
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Charles Yang	University of Georgia, USA
Rongjie Yang	Beijing Institute of Technology, China
Guan Heng Yeoh	University of New South Wales, Australia
Mauro Zammarano	NIST, Gaithersburg, USA

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### Local Organizing Committee (In alphabetical order of last name)

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### Important Dates

- Abstract submission deadline: June 30, 2022.
- Announcement of abstract acceptance: July 15, 2022.
- Deadline for early reduced registration: August 30, 2022.
- On-site registration: Sep. 23 (whole day), 2022.
- Symposium sessions: Sep. 24-25, 2022

### Submission of Extended Abstract

Extended Abstract should be a brief description of your work, and it can highlight the main contribution of your presentations. Any graph, chart, diagram, scheme or table for better understanding of your work are highly encouraged. Due to the limitation on the number of pages that can be published in the proceedings, the length of the extended abstract is restricted to a maximum of two A4 pages. Attendees should submit the Extended Abstract of ISFRMT2022 through the symposium e-mail address: [isfrmt@126.com](mailto:isfrmt@126.com). The submitted Extended Abstract will be subjected to the reviewing procedure by the invited members of Scientific Committee of ISFRMT2022. All the TEMPLATE for Extended Abstract will be shown on the conference website [www.isfrmt.org](http://www.isfrmt.org).

### ISFRMT2022 Sponsoring & Exhibiting

In order to create better conditions for the conference, sponsoring is welcomed from companies and individuals. Moreover, the companies/organizations are also welcomed to exhibit the novel FR products, FR technologies & instruments, and the FR technical service at the conference venue. Please contact us for more information.

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