



**September 14-17, 2017•Nanjing, China**

## Call for Papers

### Invitation to

10th International Conference on Porous Metals and Metallic Foams, **MetFoam 2017**

### Lead Organizers



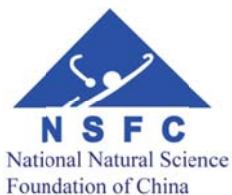
- State Key Laboratory of Porous Metal Materials, Northwest Institute for Non-ferrous Metal Research, China
- Hohai University, China
- State Key Laboratory of Powder Metallurgy, Central South University, China
- Northeastern University, China
- Tsinghua University, China

### Co-Organizers

- Hefei Institutes of Physical Science, Chinese Academy of Sciences, China
- Institute of Metal Research, Chinese Academy of Sciences, China
- University of Science and Technology Beijing, China
- Xi'an Jiaotong University, China
- Southeast University, China

### Honorary Organizers

- National Natural Science Foundation of China
- Chinese Materials Research Society
- The Nonferrous Metals Society of China
- Jiangsu Society of Theoretical and Applied Mechanics



### MetFoam Instruction

The 10th International Conference on Porous Metals and Metallic foams (MetFoam 2017) is one of a series held regularly at two-year intervals since 1999. The previous conferences of the MetFoam series were held in Bremen (1999, 2001) and Berlin (2003) in Germany, Kyoto (2005) in Japan, Montreal (2007) in Canada, Bratislava (2009) in Slovakia, Busan (2011) in Korea, Raleigh (2013) in USA and Barcelona (2015) in Spain. MetFoam 2017 will be held in Nanjing, the capital of Jiangsu Province, China, from September 14 to 17, 2017.

### Call for Abstracts

Abstracts should be submitted online at [metfoam2017.org](http://metfoam2017.org). The conference will cover the following topics (but will not be limited to):

- Fabrication of porous metals and metallic foams by both conventional and novel methods including additive manufacturing
- Characterization of porous metals and metallic foams
- Properties of porous metals and metallic foams
- Modeling and simulation
- Design of porous metals, metallic foams and lattice structures
- Fluid, heat, and mass transfer in porous metals and metallic foams
- Porous biomaterials and nano-porous structures
- Energy absorption and other applications of porous metals and metallic foams

Authors of accepted abstracts will be requested to provide a manuscript (Maximum of 6 pages) to be included in a dedicated volume of the periodical "Materials Science Forum", published by Trans Tech Publications Ltd, Switzerland. The manuscript template can be downloaded at [metfoam2017.org](http://metfoam2017.org), and should be submitted online at [www.scientific.net](http://www.scientific.net). The papers will be peer-reviewed before publication. Furthermore, some selected papers will be endorsed for publication in the SCI indexed Journals, "Journal of Materials Science and Technology", "Acta Metallurgica Sinica" and "Journal of Iron and Steel Research, International".

### Deadlines:

- Deadline for abstracts: Apr. 20, 2017
- Deadline for manuscripts: Aug. 20, 2017
- Deadline for registration: Sep. 10, 2017



## International Scientific Advisory Board

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## Conference Chairs

Chair	<b>Hui-ping Tang</b>	Northwest Institute for Non-ferrous Metal Research, China
Co-Chair	<b>Dong-hui Yang</b>	Hohai University, China
Co-Chair	<b>Lei Wang</b>	Hohai University, China
Co-Chair	<b>Yong Liu</b>	Central South University, China

## Conference Secretariat

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Yan Wang	Central South University, China <a href="mailto:yanwang@metfoam2017.org">yanwang@metfoam2017.org</a>

## Conference Venue



Welcome to Nanjing (南京)

The conference will be held in Wentian Hall in the Hohai University downtown campus, and hosted by the State Key Laboratory of Porous Metal Materials, Northwest Institute for Non-ferrous Metal Research and Hohai University.

Nanjing is the capital of Jiangsu Province in East China, running through the city are lower reaches of the Yangtze River whose estuary is not far away. Nanjing enjoys a civilization of over 6000 years and the city itself was founded 2500 years ago. Enclosed by mountains and rivers, and located in a strategic place, it boasts picturesque scenery that blends natural landscape with towering modern buildings, integrating traditional styles with modern civilization. Thus it was known as a unique historic and cultural city to the world.

As one of the Four Ancient Capitals, Nanjing is a vital cradle of Chinese civilization and over a long stretch of time, it has been the political and cultural pivot of South China, thus dubbed as the Capital of Ten Ancient Dynasties, rich in both cultural heritage and historical relics. Among the landmarks of Nanjing there are the City Wall, the Ming Xiaoling Mausoleum, Dr. Sun Yat-sen Mausoleum, Presidential Palace and Confucius Temple.

## Chairman of Industry Committee

Dr. Yin-Jiang Wu  
General Manager of Western Baode Technologies Co., Ltd, China

## Exhibitors

- Western Baode Technologies Co., Ltd, China
- Xi'an Sailong Metal Materials Co., Ltd, China
- Xi'an Filter Metal Materials Co., Ltd, China
- XINXIANG LIER FILTER TECHNOLOGY CO., LTD, China
- Liaoning Rontec Advanced Material Technology Co., Ltd, China

## Useful links

About Nanjing: <http://english.nanjing.gov.cn/>

MetFoam2017 Conference: <http://metfoam2017.org>