



**西安交通大学**  
XI'AN JIAOTONG UNIVERSITY



**Aix-Marseille**  
université

**13<sup>th</sup> International Conference on  
TWO-PHASE SYSTEMS FOR SPACE AND GROUND APPLICATIONS**  
will be held at Xi'an Jiaotong University, Xi'an, China, October 15 -19, 2018

**Conference Chairs:**

**Jin-Jia Wei**  
Xi'an Jiaotong University  
Xi'an, China

**Zhen-Hui He**  
Sun Yat-Sen University  
Guangzhou, China

**Conference Co-Chairs**

**Oleg A. Kabov**  
Kutateladze Institute of Thermophysics, SB RAS  
Novosibirsk, Russia

**Jungho Kim**  
University of Maryland  
MD, USA

**Haruhiko Ohta**  
Kyushu University  
Fukuoka, Japan

**Lounes Tadrist**  
Aix Marseille University  
Marseille, France

**Scientific Secretaries:** Yong-Hai Zhang, XJTU, Xi'an, China; Dong-Chuan Mo, SYSU, Guangzhou, China

**Conference organizers:**

Xi'an Jiaotong University, Xi'an, China  
Sun Yat-Sen University, Guangzhou, China  
Institute of Mechanics, Chinese Academy of Sciences, Beijing, China  
Kutateladze Institute of Thermophysics, SB RAS, Novosibirsk, Russia  
University of Maryland, MD, USA  
Kyushu University, Fukuoka, Japan  
Aix Marseille University, Marseille, France

**Sponsor:**

National Natural Science Foundation of China

**Conference objective:** We will be pleased to welcome you in Xi'an, China for the 13<sup>th</sup> International Conference on Two-Phase Systems for Space and Ground Applications. The Conference will provide researchers the opportunity to present and discuss novel work, while also identifying future needs in this critical area of research. Presentation topics include, but are not limited to:

Experiments in Microgravity	Boiling, Evaporation and Condensation
Films, Layers and Interfaces	Physics of Contact Line and Wetting
Microchannels and Minichannels	Spray, Jets and Two-Phase Flows
Bubbles, Drops and Foams	Electronics Cooling
Properties of Vapor-Liquid-Solid Interfaces	Thermocapillary Flow

**Scientific Committee:**

Vladimir S. Ajaev, SMU, USA	Oleg A. Kabov, IT, Russia
Sergey V. Alekseenko, IT, Russia	Osamu Kawanami, UH, Japan
Alidad Amirfazli, UA, Canada	Qiu-Sheng Liu, IM, China
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Olga N. Goncharova, ASU, Russia	Balazs Toth, ESA, The Netherlands
Zhen-Hui He, SYSU, China	Jian-Fu Zhao, IM, China

**Abstracts:** Submit your abstracts (2 pages) to the secretary via e-mail ([ittw2018@mail.xjtu.edu.cn](mailto:ittw2018@mail.xjtu.edu.cn)) or online before **March 15, 2018**. Template and instructions are available on the website ([www.ittw2018.com](http://www.ittw2018.com)). Notification of presentations acceptance: **May 01, 2018**.