# 12-th International Conference
# "Two-Phase System for Space and Ground Applications"

will be held at Kutateladze Institute of Thermophysics SB RAS,
Academgorodok, Novosibirsk, Russia, 11-15 of September 2017

## Conference Chairs

**Sergey V. Alekseenko**
Kutateladze Institute of Thermophysics SB RAS,
Novosibirsk, Russia

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

## Conference Co-Chairs

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

**Haruhiko Ohta**
Kyushu University
Fukuoka, Japan

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

**Jian-Fu Zhao**
Institute of Mechanics,
Beijing, China

**Scientific secretaries**: **Elena F. Bykovskaya**, IT SB RAS, **Dmitry V. Zaitsev**, IT SB RAS

## Conference organizers:

- Kutateladze Institute of Thermophysics SB RAS, Novosibirsk, Russia
- Novosibirsk State University, Novosibirsk, Russia
- University of Maryland, MD, USA
- Kyushu University, Nishi-ku, Fukuoka, Japan
- Aix Marseille University, Marseille, France
- Institute of Mechanics, Chinese Academy of Sciences, Beijing, China

**Sponsored by:** Russian Science Foundation

**Conference objective**: 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
- Thermocapillary Flow
- Spray, Jets and Two-Phase Flows
- Bubbles, Drops and Foams
- Electronics Cooling
- Properties of Vapor–Liquid–Solid Interfaces

## Scientific Committee:

Vladimir S. Ajaev, SMU, USA
Sergey V. Alekseenko, IT, Russia
Alidad Amirfazli, UA, Canada
Hitoshi Asano, KoU, Japan
Avram Bar-Cohen, UM, USA
Dieter Bothe, TUD, Germany
Gian Piero Celata, ENEA, Italy
Catherine Colin, IMFT, France
Paolo Di Marco, UNIPI , Italy
Michael Dreyer, ZARM, Germany
Olga N. Goncharova, ASU, Russia
Zenghui He, SYSU, China
Oleg A. Kabov, IT, Russia
Qusheng Liu, Institute Mechanics, China
Dmitriy Markovich, IT, Russia
Olivier Minster, ESA, The Netherlands
Haruhiko Ohta, KU, Japan
Eduard E. Son, JIHT, Russia
Peter Stephan, TUD, Germany
Lounes Tadrist, IUSTI, France
John R. Thome, EPFL, Switzerland
Balazs Toth, ESA, The Netherlands
Jian-Fu Zhao, IM, China

**Abstracts:** Submit your abstracts (2 pages) to the secretary via e-mail zaitsev@itp.nsc.ru, before April 24, 2017. Template and instructions are available on the website http://www.itp.nsc.ru/htl/spaceconf-2017/ . Notification of presentations acceptance: May 15, 2017.