



The 3rd International Conference of
Interfacial Phenomena and Heat- Mass- Transfer

will be held in Marseille, France from July 5-9, 2020

<http://www.iphmt20.fr>

Conference Chairs:

Oleg A. KABOV

Kutateladze Institute of Thermophysics,
SB RAS, Novosibirsk, Russia

Lounes TADRIST

Aix-Marseille Université,
IUSTI, Marseille, France

Co-Chairs:

Jin Jia WEI

Xi'an Jiaotong University,
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Vladimir S. AJAEV

Southern Methodist
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Hitoshi ASANO

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Nada, Kobe, Japan

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Aix-Marseille Université,
Marseille, France

Conference secretary: Joyce Bartolini

Organizers:

- Aix-Marseille Université, CNRS, IUSTI UMR 7343, Marseille, France
- Kutateladze Institute of Thermophysics, SB RAS, Novosibirsk, Russia
- Xi'an Jiaotong University, Xi'an, China
- Southern Methodist University, Dallas, TX, USA
- Kobe University, Nada, Kobe

Objective: The Conference is intended to provide a platform for researchers to exchange information and identify research needs in the interdisciplinary, rapidly developing research area of interfacial phenomena encompassing several disciplines including chemical and mechanical engineering, applied mathematics, physics, chemistry and biology. This Conference is an excellent opportunity to create the synergy between fundamental and applied aspects in this field where numerous developments are expected. The Conference has to be a kind of “brain storming” and has to lead to the better understanding of several limited and very important research areas.

Topics for discussions will include five scientific directions:

- Phase change phenomena, boiling, condensation, evaporation, two-phase flows, micro channels
- Interfacial phenomena. Nonequilibrium effects on the gas- liquid and liquid- solid interfaces
- Nano- and micro- structured surfaces for enhancement of phase change phenomena, wettability
- Contact line phenomena, nucleation, droplets, bubbles, sprays, dry spots formation, entrainment, critical heat flux
- Interfacial phenomena in complex and biological fluids, chemical reactions

Scientific Committee:

Vladimir S. AJAEV, SMU, USA

Hitoshi ASANO, KoU, Japan

David BRUTIN, IUSTI, France

Luis Antonio DAVALOS-OROZCO, UNAM, Mexico

Irina GRAUR, IUSTI, France

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Dmitriy MARKOVICH, IT, Russia

Hui He QIU, HKUST, China

Amos ULLMANN, TAU, Israel

Jian Fu ZHAO, IM, China

Abstracts: Submit your abstracts (2 pages maximum) via <http://www.iphmt20.fr> by **November 20, 2019**. Template and instructions are available on the website. Notification of presentations acceptance: **December 20, 2019**.

Papers: A special issue will be published following the conference. The best presentations will be invited to be submitted for publication in the special issue of the journal [Interfacial Phenomena and Heat Transfer](http://www.internationalphenomena.com), before **20 September 2020**. Template and instructions are available on the website.

