

Invitation & Call for Papers



5th International Workshop on
Heat/Mass Transfer Advances for Energy Conservation and
Pollution Control

August 13-16, 2019

Novosibirsk, Russia



Organized by

Kutateladze Institute of Thermophysics SB RAS (IT SB RAS)
Technopark of the Novosibirsk Academgorodok (Academpark)
Novosibirsk State University (NSU)



Sponsored by

Russian Foundation for Basic Research
Novosibirsk State University
International Centre for Heat and Mass Transfer
Chinese Society of Engineering Thermophysics

<http://iwht2019.org>

OBJECTIVES

Following the success of IWHT2011, IWHT2013, IWHT2015 and IWHT2017, the 5th International Workshop on Heat/Mass Transfer Advances for Energy Conservation and Pollution Control (IWHT2019) will continue to be held in Novosibirsk, Russia, August 13-16, 2019. The objective of this workshop is to provide an international forum for exchange of latest technological information as well as for dissemination of high-quality research and development on heat/mass transfer problems in the area pertinent to energy conservation and pollution control. The workshop will be of particular value and interest to researchers, scientists, engineers, and practitioners who are working in heat/mass transfer field of energy conservation and pollution reduction.

VENUE

The IWHT2019 will be held in Novosibirsk, Russia, August 13-16, 2019. Novosibirsk is the third-most populous city in Russia after Moscow and St. Petersburg. It is the most populous city in Asian Russia, with a population of 1,610,500 and is the administrative center of Novosibirsk Region as well as of the Siberian Federal District. The city is located in the southwestern part of Siberia on the banks of the

Ob River adjacent to the Ob River Valley, near the large water reservoir formed by the dam of the Novosibirsk Hydro Power Plant. The workshop will take place in Novosibirsk Academgorodok, which is one of the largest scientific centers in Russia, with more than 20 scientific research institutes, Novosibirsk Academpark, Novosibirsk State University.



<https://en.wikipedia.org/wiki/Novosibirsk>

<https://wikiway.com/russia/novosibirsk/photo/>

TOPICS

- Advanced energy systems
- CFD and numerical heat/mass transfer
- Energy conservation and storage techniques
- Environmental heat/mass transfer
- Heat/mass transfer at high temperature
- Heat/mass transfer enhancement techniques
- Heat/mass transfer in compact heat exchangers
- Heat/mass transfer in pollutant emission control systems
- Heat/mass transfer in renewable and clean energy systems
- Multiphase heat/mass transfer
- Micro/nano heat/mass transfer
- Heat/mass transfer in porous media
- Radiative heat transfer
- Other related areas

IMPORTANT DATES

- December 01, 2018: **Abstract submission** due
- January 15, 2019: **Abstract acceptance** notification
- March 01, 2019: **Full paper submission** due
- April 01, 2019: **Paper acceptance** notification
- May 10, 2019: **Final paper submission** due

The detailed format information and templates for the abstract and full paper will be provided at the workshop webpage

<http://iwht2019.org>

WORKSHOP CHAIRS AND CO-CHAIRS

Chairmen:

- S.V. Alekseenko, Kutateladze Institute of Thermophysics, Russia
- A.N. Pavlenko, Kutateladze Institute of Thermophysics, Russia

Co-chairmen:

- D.M. Markovich, Kutateladze Institute of Thermophysics, Russia
- Q.W. Wang, Xi'an Jiaotong University, China
- Y.T. Chen, University of Nevada Las Vegas, USA

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- L. Lv, Hongkong Polytechnic University, China
- M. Y. Ha, Pusan National University, Korea
- Y.T. Chen, University of Nevada Las Vegas, USA

PUBLICATION

All papers will be reviewed by the workshop scientific and organizing committees under the direction of the International Scientific and Advisory Committee. All accepted papers will be published in the Proceedings of the Workshop. The Proceedings will be published as a USB Flash Drive. In addition, suitable papers will be recommended for publication in relevant Journals (Applied Thermal Engineering, Heat Transfer Engineering, Interfacial Phenomena and Heat Transfer, Heat Transfer Research, Journal of Physics: Conference Series, etc.). For the IWHT2011- IWHT 2017, about 40% of the workshop papers have been recommended for publication in the special issues of Heat Transfer Engineering, Journal of Enhanced Heat Transfer, Applied Thermal Engineering and Heat Transfer Research.

REGISTRATION FEE

Full Delegate:	US \$ 600 (before May 30, 2019) US \$ 700 (after June 1, 2019)
Student Delegate:	US \$ 300 (before May 30, 2019) US \$ 350 (after June 1, 2019)
Accompany Guest:	US \$ 150 (before May 30, 2019) US \$ 200 (after June 1, 2019)

The detail registration and accommodation information for IWHT2019 will be presented in workshop webpage

<http://iwht2019.org>

CONTACT INFORMATION

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