

Russia, Gelendzhik, September 2020



# **20<sup>th</sup> International Heat Pipe Conference** **14<sup>th</sup> International Heat Pipe Symposium**

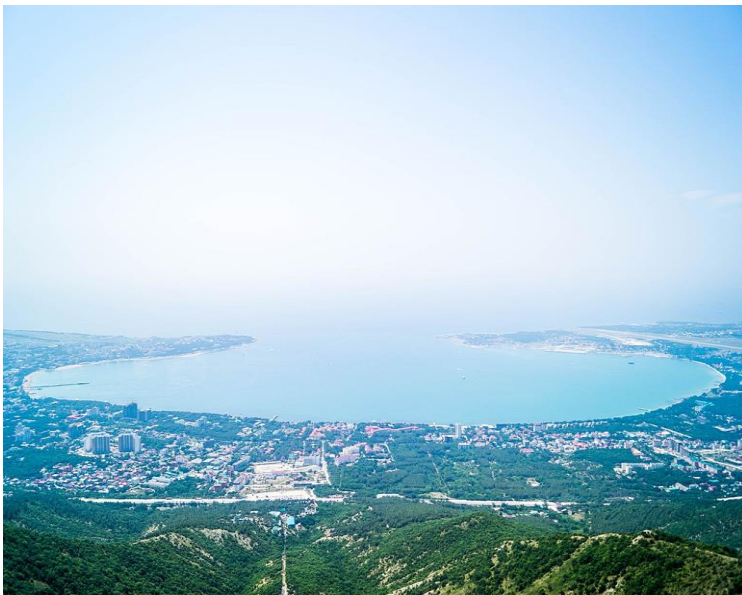
**Organizing Committee**

## **Joint 20<sup>th</sup> International Heat Pipe Conference and 14<sup>th</sup> International Heat Pipe Symposium**

*Russia, Gelendzhik, 8-11 September 2020*

<http://heatpipe.ru/2020>

### **2<sup>nd</sup> Announcement and Abstract**



*Dear Colleagues and Friends,*

We are pleased to remind you that the Joint 20<sup>th</sup> International Heat Pipe Conference and 14<sup>th</sup> International Heat Pipe Symposium (Joint 20<sup>th</sup> IHPC&14<sup>th</sup> IHPS) will take place in Gelendzhik, Russia on September 8-11, 2020. You can find more information on the web site: <http://heatpipe.ru/2020>

The National Organizing Committee is led by a team from Moscow Power Engineering Institute, one of the leading Russian scientific centers in the field of heat pipes and thermosyphons development.

Participating in the Joint 20th IHPC& 14th IHPS sessions you will obtain not only invaluable professions experience and meet potential business partners, but also feel the beauty and expanse of the Russian soul as the planned cultural program expected to be unforgettable.



### **The Conference TOPICS include, but are not limited to:**

- Fundamental studies on thermal-fluid phenomena associated with heat pipes and closed two-phase thermosyphons.
- Theoretical and experimental studies on heat pipes and thermosyphons, including capillary pumped loops (CPL), loop heat pipes (LHP), oscillating (or pulsating) heat pipes (OHP/PHP), mini/micro-heat pipes, etc.
- Electronics cooling applications, including thermal control of microelectronics and power electronics, cooling of CPU, LED system.
- Heat pipe and thermosyphon applications in energy industry, including heat exchangers, new and renewable energy systems, etc.
- Aerospace applications of heat pipes, including spacecraft thermal control, space power systems, aircraft thermal control, avionics cooling, etc.
- Heat pipes for special applications, including biomedical instruments, precision metrology, agricultural facilities, environmental systems, etc.
- Manufacturing processes and material processing associated with heat pipes and thermosyphons, including new developments of wicks, working fluids, materials, modeling of corrosion and life tests.
- State-of-the-art heat pipe development and applications, novel ideas of heat pipe development.

More general communications on advanced cooling technologies, surface engineering, porous media, boiling and condensation, innovative fabrication technologies are also welcome, in the limits of a maximum of two special session on these topics.

### **IMPORTANT DATES:**

✚ The first Announcement	30/06/2019
✚ Call for Abstract and the second Announcement	30/11/2019
✚ Abstract Submission Deadline	15/01/2020
✚ Full Paper Submission	30/06/2020
✚ Early Registration	30/06/2020
✚ Program at a glance	30/06/2020
✚ Final Program	15/08/2020
✚ Additional Program for Accompanying persons	15/08/2020
✚ <u>CONFERENCE</u>	<u>8/09/2020 – 11/09/2020</u>



## LOCATION

The conference Venue is Kempinski Grand Hotel Gelendzhik.

Lectures/ Presentations/ Session/ Exhibition/ Lunches will be held in the main building of the hotel.



Kempinski Grand Hotel Gelendzhik is a resort and congress hotel featuring world class service on the Black Sea coast.

Located in Cape Tolsty with a great view over Gelendzhik bay and the Black Sea, this prestige first class Hotel provides the ideal venue

for the perfect holiday and business meetings. Hotel is surrounded by gardens with ancient pine trees and has its own private beach with crystal clear water.

### *Address and Contact Details:*

Russia, 353461, Gelendzhik, Revolutsionnaya,53.

E-mail: [info.gelendzhik@kempinski.com](mailto:info.gelendzhik@kempinski.com)

Phone: +7 (861) 414-38-00

Fax: +7 (861) 414-38-01

<https://www.kempinski.com>

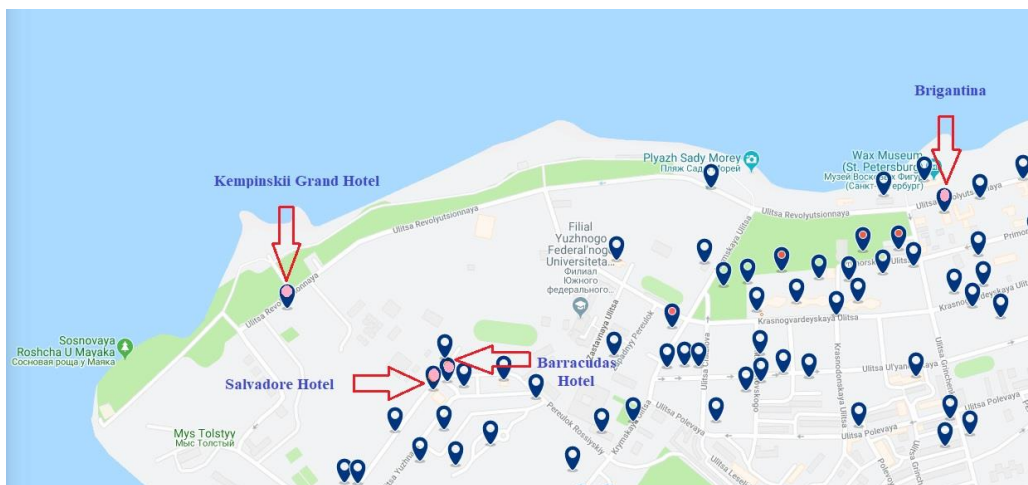


## ACCOMMODATION

There are more than 2 000 hotels in Gelendzhik. You can find a range of accommodation located at the seaside and in the city centre and options for every budget and preference, from five stars to budget hotels.

The Local Organizing Committee has chosen the most suitable hotels from this diversity with which contracts will be concluded:

- Kempinski Grand Hotel Gelendzhik\*\*\*\*\*;
- Brigantina hotel\*\*\*;
- Salvadore hotel\*\*\*;
- Barracudas hotel\*\*\*;



All registered participants may book accommodation in one of the recommended hotels. During the conference a discount for accommodation in these hotels will be offered to Participants. The exact cost will be provided after the conclusion of agreements with the hotel management in the near future.

If you wish to book a hotel, you should write to the Local Organizing Committee. We will send you promo code for reservation.



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Prof. L. L. Vasiliev, Minsk, Belarus.

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Chief Designer of Tais Ltd.

#### Members

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the Institute of Thermophysics, Ural Branch of  
the Russian Academy of Sciences;  
Prof. Kabov O. A.,  
Head of laboratory "Intensification of heat  
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Association;

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Engineer-designer of the  
Heat Pipe Center of Roskosmos, Lavochkin  
Association;  
Dr. Lyulin Y. V.,  
Research Scientist, CEST, Skoltech.

### **HONORARY MEMBERS**

Acad. Leontiev A. I.,  
Academician of the Russian Academy of Sciences;  
Prof. Vasiliev L. L.,  
A.V. Lykov Heat and Mass Transfer Institute  
of the National Academy of Sciences of Belarus;  
Prof. Yagov V. V.,  
Prof. of the Department IHF, NRU "MPEI".

### **CONTACTS OF ORGANIZING COMMITTEE**

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Phone: +7(962)949-54-10

*Hope to see you in Gelendzhik,*

*Organizing Committee*

*Joint 20th IHPC & 14th IHPS*