

**International Conference  
Nuclear Theory in the Supercomputing Era – 2018 (NTSE–2018)**

Institute for Basic Science, Daejeon, Republic of Korea  
October 29 – November 2, 2018

Conference web site: <http://ntse.khb.ru/2018/>

This is the first circular of the International Conference “Nuclear Theory in the Supercomputing Era NTSE–2018”. The Conference will be held at the Institute for Basic Science in the city of Daejeon, Republic of Korea, from October 29th through November 2nd, 2018.

NTSE-2018 is the sixth in a series of international conferences that was initiated with HITES-2012 and NTSE-2012. Subsequently, the series continues with the NTSE title. The conference focuses on forefront challenges in physics, namely the fundamentals of nuclear structure and reactions, the origin of the strong inter-nucleon interactions from QCD, and computational nuclear physics with leadership class computer facilities to provide forefront simulations leading to new discoveries. The NTSE-HITES conferences are aimed to bring together nuclear theorists, computer scientists and applied mathematicians. Previous NTSE-HITES conferences:

[NTSE-2016: September 19–23, 2016, Pacific National University, Khabarovsk, Russia](#)

[NTSE-2014: June 23–27, 2014, Pacific National University, Khabarovsk, Russia](#)

[NTSE-2013: May 13–17, 2013, Iowa State University, Ames IA, USA](#)

[NTSE-2012: June 18–22, 2012, Pacific National University, Khabarovsk, Russia](#)

[HITES 2012: June 4–7, New Orleans, Louisiana, USA](#)

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### General Information

The working language of the Conference is English.

The Conference Proceedings will be published by the Pacific National University and will be available at the Conference web site after the Conference.

The Conference Program and abstracts will be available at the Conference web site: <http://ntse.khb.ru/2018/>.

### Important dates

**September 2, 2018:** registration deadline for participants and accompanying persons

**September 2, 2018:** deadline for submission of titles and abstracts of the talks

**September 2, 2018:** deadline for reserved accommodations

### Registration

Please make registration at the conference web site: <http://ntse.khb.ru/2018/>.

You can submit the title and abstract of your talk while registering or later by sending email to the NTSE-2018 email address [ntse2018@ibs.re.kr](mailto:ntse2018@ibs.re.kr). It will take up to a working day for the administrator to confirm your registration by email.

### Conference fee

**There is no Conference fee at NTSE-2018.** We will provide coffee breaks, Welcome Party, Conference Dinner and publication of Proceedings using funds from sponsors.

### Accommodations

There are several hotels at a walking distance from the Conference venue, IBS headquarters. We provide information about two accommodations with reduced rate for the NTSE-2018 participants.

- Hotel ICC: <http://www.hotelicc.com/eng/index.do>

A block of rooms has been reserved at the Hotel ICC. The price for the rooms is 67,500 KRW per day in a Single and 85,500 KRW per day in a Twin/Double room (1000 KRW is currently approximately \$0.93). A breakfast is included. If you want to make a reservation, it could be done while registering or later by sending email to the NTSE-2018 Organizing Committee [ntse2018@ibs.re.kr](mailto:ntse2018@ibs.re.kr).

- Innopolis Daedeok Guest House: <https://www.ddguesthouse.co.kr> (this web page is in Korean)

We have reserved a number of rooms in the Innopolis Guest House. The price is 40,000 KRW per day in a Single and 55,000 KRW per day in a Twin/Double room. The breakfast is not included but available for an additional payment. All rooms have kitchen facilities. The number of rooms in the Guest House is limited and will be reserved according to the first-come-first served principle. The reservation can be done while registering or later by sending email to the NTSE-2018 Organizing Committee [ntse2018@ibs.re.kr](mailto:ntse2018@ibs.re.kr).

For detailed information about above two reserved accommodations, and other alternative hotels around IBS, please visit the Conference webpage.

### **Additional information**

Daejeon is located approximately 150 km south of Seoul. The average temperature range during the Conference time period, i. e., at the end of October, is between 5 degrees and 15 degrees Celsius. A detailed information about transportation and other NTSE-2018-related information can be found at the Conference web site: <http://ntse.khb.ru/2018/>.

### **Contacts**

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