

International Conference Nuclear Theory in the Supercomputing Era – 2024 (NTSE–2024)

Dedicated to the memory of Prof. Ruprecht Machleidt

Busan, Republic of Korea, December 1 – 7, 2024

Conference web site: <https://indico.ibs.re.kr/event/638/>

This is the first circular of the International Conference “Nuclear Theory in the Supercomputing Era NTSE–2024”. The Conference will be held at the Convention Hall in Mirae Bldg., Pukyong National University, Busan, Republic of Korea, from December 1st through December 7th, 2024. Sunday, December 1st is reserved for arriving and reception, the scientific program will run from December 2nd to December 6th. Saturday, December 7th is allocated for free discussions and departure.

The conference is hosted by Center for Exotic Nuclear Studies, Institute for Basic Science. It is partially supported by Center for Extreme Nuclear Matter, Korea University.

NTSE-2024 is the eighth 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-2023: June 4–6, 2023, Institute of Modern Physics Chinese Academy of Sciences, Lanzhou, China
- NTSE-2018: Oct. 29 – Nov. 2, 2018, Institute for Basic Science, Daejeon, Republic of Korea
- 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, Iowa, 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. NTSE-2024 is intended to be an in-person conference, remote on-line participation will not be possible.

Important dates

April 15, 2024: registration opens
October 17, 2024: registration deadline for participants and accompanying persons
October 17, 2024: deadline for submission of titles and abstracts of the talks

Registration

Please make registration at the conference web site: <https://indico.ibs.re.kr/event/638/>.
You can submit the title and abstract of your talk while registering (or later by sending email to the NTSE-2024 email address ntse2024@ibs.re.kr).

Proceedings

We intend to publish the conference proceedings and further details will be forthcoming.

Conference fee

There is no conference fee.

Accommodations

There are ample of reasonable hotels near the Haeundae beach which is close to the conference venue (17 minutes from Haeundae subway station to Pukyong subway station).

Transportations

For international participants, we recommend to take a flight to the Gimhae International Airport (PUS) in Busan which are available from various countries. However, much more international flights to Korea arrive in Seoul either at the Incheon International Airport (ICN) or Gimpo International Airport (GMP). From ICN or GMP, there are domestic flights to PUS. Between ICN and GMP the local train (AREX, 44 min.) operates. Alternatively, you can take the high-speed KTX train from Seoul (train) station to Busan station (approximately 2 hours and 30 min.). From ICN to Seoul station you can take either AREX (1 hour or 1 hour 6 min. depending on the ICN terminal) or the Express Train (43 min. or 51 min. depending on the ICN terminal). AREX also operates between GMP and Seoul station (22 min.). Taxi transportation between the Seoul airports and train station is also available.

Additional information

A detailed information about transportation and other NTSE-2024-related information can be found at the Conference web site: <https://indico.ibs.re.kr/event/638/>.

Contacts

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