

**International Conference
Nuclear Theory in the Supercomputing Era – 2016 (NTSE–2016)**

Pacific National University, Khabarovsk, Russia.

September 19 – 23, 2016

Conference web site: <http://ntse.khb.ru/2016/>

This is the first circular of the International Conference “Nuclear Theory in the Supercomputing Era NTSE–2016”. The Conference will be held at Pacific National University in the city of Khabarovsk, Russia, from September 19th through 23th, 2016.

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. This is the fifth in the series of NTSE-HITES conferences aimed to bring together nuclear theorists, computer scientists and applied mathematicians. Previous NTSE-HITES conferences:

[NTSE-2014: June 23–27, 2012, 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, 2012, New Orleans, Louisiana, USA](#)

Organizing Committee

Sergey Ivanchenko (Chair), Pacific National University, Russia
Yurii Tchuvil'sky (Vice Chair), Moscow State University, Russia
Sergey Burkov, Pacific National University, Russia
Alexander Mazur (Scientific secretary), Pacific National University, Russia
Igor Mazur, Pacific National University, Russia
Vladimir Rimlyand, Pacific National University, Russia
Andrey Shirokov (Vice Chair), Moscow State University, Russia
Tatiana Sytnikova, Pacific National University, Russia
James Vary (Vice Chair), Iowa State University, USA

Scientific Advisory Committee

James Vary (Chair), Iowa State University, USA
Bruce Barrett, University of Arizona, USA
Leonid Blokhintsev, Moscow State University, Russia
Stanley Brodsky, SLAC-Stanford, USA
Ümit Çatalyürek, The Ohio State University, USA
Mark Caprio, University of Notre Dame, USA
David Dean, Oak Ridge National Laboratory, USA
Jerry Draayer, Louisiana State University, USA
Victor Efros, Russian Research Centre Kurchatov Institute, Russia
Charlotte Elster, Ohio University, USA.
Evgeny Epelbaum, University of Bochum, Germany
Morten Hjorth-Jensen, Michigan State University and University of Oslo, Sweden
Sergey Ivanchenko, Pacific National University, Russia
Youngman Kim, Institute for Basic Science, Korea
Ruprecht Machleidt, University of Idaho, USA
Alexander Mazur, Pacific National University, Russia
Alexander Motovilov, Joint Institute for Nuclear Research, Russia
Petr Navrátil, TRIUMF, Canada
Esmond Ng, Lawrence Berkeley National Laboratory, USA
W. Erich Ormand, Lawrence Livermore National Laboratory, USA
Takaharu Otsuka, University of Tokyo, Japan
Wayne Polyzou, University of Iowa, USA
Jianwei Qiu, Brookhaven National Laboratory, USA
Kimiko Sekiguchi, Tohoku University, Japan
Sophia Quaglioni, Lawrence Livermore National Laboratory, USA
Andrey Shirokov, Moscow State University, Russia
Masha Sosenkina, Old Dominion University, USA
Yurii Tchuvil'sky, Moscow State University, Russia
Furong Xu, Peking University, China
Xingbo Zhao, Institute of Modern Physics, China

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/2016/>

Important dates

March 30, 2016: early registration deadline for participants and accompanying persons.

If you need a **visa for Russia**, please **note**:

- For the visa support, please attach a high-quality scan of your passport page containing your personal information and passport data required (passport number, issuing authority, expiration date, etc.)
- The passport expiration date should be after April 15, 2017.
- We shall prepare for all foreign participants and their accompanying persons the visas that will be valid for one month starting from September 10. The visas will be valid for visiting the following cities in Russia: Khabarovsk, Moscow, St. Petersburg, Vladivostok. We can add additional cities or shift/extend the dates of your Russian visa if needed. We can also make hotel reservation in these cities for you before or/and after the Conference. We can also contact our colleagues in these cities suggesting to arrange your seminar before or after the Conference if desired. In this case, please indicate your travel plans as Additional info in the registration form.
- Submission of the scan of your last previous visa to Russia is encouraged (if applicable).

We need the same information for your Accompanying persons

May 15, 2016: registration deadline for participants and accompanying persons who need **visa support** and **hotel accommodation**.

June 15, 2016: deadline for submission of titles and abstracts of the talks.

Registration

To register, please submit your registration form at <http://ntse.khb.ru/2016/registration/>

Please submit the title and abstract of your talk while registering or by **June 15** on the web-page <http://ntse.khb.ru/2016/registration/upload-abstract/>

Conference fee

The Conference fee for the participants is €450 (early registration) or €550 (later registration) and should be paid in cash either in euros, or dollars, or Russian roubles at the conference desk upon your arrival in Khabarovsk. It covers accommodation in the hotel "Intourist" and lunches during the Conference, transportation to and from the Khabarovsk airport, visa support and health insurance for foreign participants during their stay in Russia, coffee breaks, Welcome Party, Conference Dinner and Proceedings.

The Conference fee for accompanying persons is €150 supposing that they share the hotel room with the participant and covers the same expenses except the book of Proceedings.

The Conference fee for participants who do not need hotel accommodation is €150.

We have limited funds to support Russian participants. Please, contact the Organizing Committee by e-mail: ntse-2016@nucl-th.sinp.msu.ru

Contacts

Alexander Mazur, the Conference Scientific Secretary

Pacific National University, 136 Tikhookeanskaya street, Khabarovsk, 680035, Russia

Phone: +7 4212 731638 Fax: +7 4212 731631

E-mail: ntse-2016@nucl-th.sinp.msu.ru