



PEEX

3rd Pan-Eurasian Experiment (PEEX) Science Conference &
7th PEEEX Meeting &
IIASA Workshop

contact: peex2017@gmail.com

Moscow, Russia 19-22 September 2017

Aimed at all scientists interested in research on grand challenges and climate change

The goal of the 3rd PEEEX Science Conference is to bring together professional and scientific experts under research themes related to **atmosphere – land ecosystems – aquatic - anthropogenic activities – Northern societies** in the Northern Eurasian region. A **system understanding workshop** will be part of the conference program, organized in collaboration with IIASA.

The 7th PEEEX Meeting serves to advance the implementation of the PEEEX vision, including establishing and maintaining long-term, coherent and coordinated research activities, observation networks and educational activities across the PEEEX domain. The conference is hosted by Moscow State University. More information coming soon: www.atm.helsinki.fi/peex & www.geogr.msu.ru/peex2017

3rd PEEEX Science Conference focus:

Grand Challenges in the Arctic-boreal pristine and urban environments

- Permafrost and consequences of permafrost thawing
- Structural changes in the ecosystems, Arctic greening
- Atmospheric composition and chemistry
- Aerosols in the Arctic environment
- Urban air quality, megacities, planetary boundary layer
- Weather and atmospheric circulation
- the Arctic Ocean, the Arctic maritime environments
- Silk Road – Digital Belt & Road
- Arctic and high mountain Cold Regions
- Lakes, wetlands and large river systems in the Siberian region
- Natural hazards, forest fires
- Social transformations and changing climate
- Biogeochemical cycles

Systems Analysis for the Arctic – IIASA Workshop

7th PEEEX Meeting will address:

- Coherent, coordinated Pan-Eurasian in-situ observation network incl. satellite observations and coordinated data systems
- PEEEX Modelling platform
- International collaboration incl. ESFRI, GEOSS, AMAP, SAON, DBAR, U-Arctic, Future Earth
- PEEEX training and education activities
- Funding opportunities

Conference Key Dates

Registration opens	15 February 2017
Early bird deadline	31 May 2017
Abstract submission deadline	30 June 2017
Notice on abstract acceptance	11 August 2017
Registration & fee payment deadline	31 August 2017
Conference & meeting dates	19-22 September 2017

Conference fees*:	Early-bird: before May 31, 2017	From June 01, 2017
Regular	260 USD	300 USD
Student	150 USD	170 USD

*Fees include e-proceedings, coffee, lunch, Welcome reception, and local bus transportation.

Conference Chairs: Chair Prof. Nikolay Kasimov, MSU; **Co-Chairs** Prof. Markku Kulmala, Univ. Helsinki; Prof. Valeriy Bondur, Aerocosmos; Prof. Sergey Dobrolyubov, MSU; Prof. Guo Huadong, RADI

Scientific Steering Committee: Prof. Alexander Baklanov, Prof Kirill V. Chistyakov, Prof. Aijun Ding, Dr. Alexander Frolov, Prof. Alexey Gvishiani, Prof. Hans C Hansson, Prof. Pavel Kabat, Prof Vladimir Kolosov, Prof. Vladimir Kotlyakov, Dr. Hanna Lappalainen, Prof. Gennady Matvienko, Prof. Vladimir Melnikov, Prof. Tuukka Petäjä, Dr. Anni Reissell, Prof. Olga Solomina, Prof. Yrjö Viisanen, Prof. Sergej Zilitinkevich

Local Organizing Committee Chair: Dr. Sergey Chalov

Organizing Committee Members: **MSU:** Dr. Pavel Konstantinov, Dr. Natalia Chubarova; Dr. Olga Popovicheva; **AEROCOSMOS:** Dr. Marina Tsidilina, Ms. Aleksandra Tushnova, Ms. Elena Cherepanova; **Univ. Helsinki:** Ms. Alla Borisova, Dr. Joni Kujansuu, Ms. Stephany Mazon, Ms. Päivi Haapanala; **IIASA:** Dr. Anastasia Emelyanova, Mr. Sergey Sizov, Ms. Katica De Pascale; **RADI:** Ms. Jie Liu

