



МОСКОВСКИЙ ГОСУДАРСТВЕННЫЙ ТЕХНИЧЕСКИЙ
УНИВЕРСИТЕТ
им. Н.Э. Баумана

Факультет "Энергомашиностроение"

Кафедра "Холодильной и криогенной техники, систем
кондиционирования и жизнеобеспечения" (Э-4)

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Dear friends and colleagues!

The 3rd International Conference (REFRIGERATION AND CRYOGENIC ENGINEERING, AIR CONDITIONING AND LIFE SUPPORT SYSTEMS), dedicated to the centenary of the department "Refrigeration and cryogenic engineering, air conditioning and life support systems" will be held on **November 19-20, 2019** in Moscow State Technical University n.a. N.E. Bauman. The conference will be attended by the Director General of the International Institute of Refrigeration (IIR) D. Coulomb (Paris, France), and the Head of A Section of the IIR (Cryogenics and Liquefied Natural Gases) R. Herzog (Dresden, Germany) that will present their communications.

The first such a conference was organized in 2006, but this conference is of higher level and of the utmost importance not only for Bauman MSTU but for the whole low-temperature industry of Russia.

I'm pleased to invite you to attend the conference and submit the theses of your papers to the Organizing Committee. The papers will be published in proceedings indexed by Scopus citation database.

Head of E-4 Department
V.L. Bondarenko



3rd International Conference

«REFRIGERATION AND CRYOGENIC ENGINEERING,
AIR CONDITIONING AND LIFE SUPPORT SYSTEMS»

Dedicated to the centenary of the Department «Refrigeration and Cryogenic Engineering, Air Conditioning and Life Support Systems» of MSTU n.a. N.E. Bauman

Moscow, Moscow State Technical
University n.a. N.E. Bauman
(Bauman MSTU)

November 19-20, 2019

Organizes:



Institut International du Froid
International Institute of Refrigeration

MAX
Международная
академия
холода



IAR
International
Academy of
Refrigeration

ORGANIZING COMMITTEE

President:

Aleksandrov A.A. Chancellor of MSTU n.a. N.E. Bauman, Dr.Sc.,
Professor

Deputy President

Bondarenko V.L. Head of the E-4 Department of MSTU n.a.
N.E. Bauman, Dr.Sc., Professor

Honorary

members:

Arkharov A.M. Professor of E-4 Department, Dr.Sc.,
Honoured Science and Engineering
Worker, Honorary Member of the IIR,
Vice-President of IAR

Vaclav Chrz IIR Honorary member and Ex-Vice-President of
A1 Commission of the IIR

Members:

Didier Coulomb General Director of the IIR
Ralf Hertzog Head of A Section of the IIR: Cryogenics and
Liquid Natural Gases

Zherdev A.A. Head of NUK "E", MSTU n.a. N.E. Bauman,
Dr.Sc., IIR member, IAR Academician

Kazakova A.A. First deputy head of E-4 Department, PhD, IAR
correspondent Member

Smorodin A.I. Professor of E-4 Department, Dr.Sc., IAR
Academician

Lavrov N.A. Professor of E4 Department, Dr.Sc.,
Academician of IAR

Semenov V. Yu. Chief of Laboratory, OOO "Gazprom
VNIIGAZ", Dr.Sc.

Navasardyan E.S. Associate Professor of E-4 Department, Dr.Sc.,
Director of ANO UNTs MGTU "Kriokonsul",
IIR member

Shishov V.V. Associate Professor of E-4 Department, Dr.Sc.,
Academician of IAR

Komarova N.I. General Secretary of Russian National
Committee for the IIR

Utochkina L.V. Conference leading manager

PROGRAM COMMITTEE

Kazakova A.A. First deputy head, E-4 Department, PhD,
Correspondent Member of IAR

Ralf Hertzog Head of A Section of the IIR: Cryogenics and
Liquid Natural Gases

Smorodin A.I. Associate Professor, E-4 Department, Dr.Sc.

Lavrov N.A. Professor, E-4 Department, Dr.Sc., IAR
Academician

Navasardyan E.S. Associate Professor of E-4 Department, Dr.Sc.,
Director of ANO UNTs MGTU “Kriokonsul”,
IIR member
Shakurov A.V. Associate Professor, E-4 Department, PhD
Pushkarev A.V. Leading Engineer, section 3.1 NII EM, PhD

Goal purpose: Presentation of topical issues by leading scientists and specialists, discussion of new developments in the field of low temperature engineering, state-of-the-art design issues, equipment operation and modernization, presentation of new technologies and equipment

Issues of the Conference

PLENARY SESSION

Prospects and challenges of low-temperature engineering development

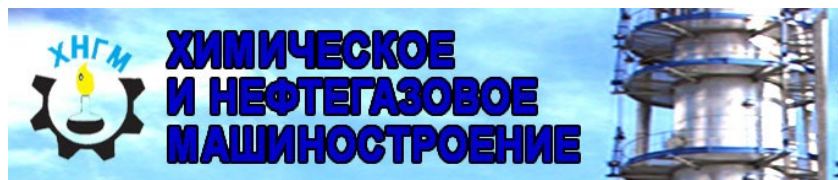
RESEARCH SESSION

Section 1. Cryogenic engineering and technology
Section 2. Refrigeration engineering and technologies
Section 3. Air conditioning and life support systems

Information support: “Journal of Chemical and Petroleum Engineering”, Publishing House
“Kholodilnaya Tekhnika”



Издательский дом
«ХОЛОДИЛЬНАЯ
ТЕХНИКА»



INSTRUCTIONS FOR LECTURERS

Talk length is about 10 minutes. The conference room is provided with a projector, a laptop and a microphone. Slides presentation is required in PowerPoint or in raster images. Visual presentation of the paper should provide a good and comprehensive perception of the material.

TEXT REQUIREMENTS

The paper submitted should meet the requirements of the Organizing Committee of the Conference and should be presented in two languages Russian and English (machine translation is not allowed, a proper scientific British English is accepted only). The paper (including abstract, text, figures, tables, references) must be minim. five (5) and max. seven (7) pages. Full rules for a paper writing in English are given at <https://www.cryogen-bmstu.com>. Every paper should meet up-to-date conception on high-quality publication. The paper should have no more than 20 references to different bibliographical sources. (For short theses references may be reduced to 7).

DEADLINES OF PAPER SUBMISSION

The paper has to be submitted by October 30, 2019.

Conference date: November 19-20, 2019

PARTICIPATION CONDITIONS

The conference is free of charge for all lecturers. Publication of an article in the proceedings (indexed by Scopus database) is 12,000 rubles.

PARTICIPATION FORM

One can find at: <https://www.cryogen-bmstu.com>

CONFERENCE VENUE

Salle of the Scientific Council in the main building of MSTU n.a. N.E. Bauman, Moscow, 2-aya Baumanskaya St., 5, bld. 1 (bmstu.ru).

Registration of participants, listeners and guests of the conference at
<http://reg.bmstu.ru/events/details/cryogen/>