

THIRD INTERNATIONAL KOSYGIN FORUM
«Actual Tasks of Engineering Science»

**Co-chair of the International Kosygin Forum, President of RUSEA, Member of the Presidium of the Russian Academy of Sciences, Academician of the Russian Academy of Sciences Gulyaev Y.V.
Rector of the Kosygin State University of Russia, Professor Belgorodsky V.S.**

INTERNATIONAL SCIENTIFIC AND TECHNICAL SYMPOSIUM
«Improving energy and resource efficiency and environmental safety of processes and devices in the chemical and related industries» dedicated to the 110th anniversary of A.N. Planovsky (ISTS «EESTE-2021»)
Moscow, Russia
October, 20, 2021 - October, 21, 2021

We are pleased to invite you to the International Scientific and Technical Symposium (ISTS) **«Improving energy and resource efficiency and environmental safety of processes and devices in the chemical and related industries» dedicated to the 110th anniversary of A.N. Planovsky**. Symposium will be within the framework of the Third International Kosygin Forum in The Kosygin State University of Russia in accordance with the action plan for the Years of Russian-Chinese scientific, technical and innovative cooperation (Government of the Russian Federation Executive Order dated April 15, 2020 №. 1020-p)

Registration form: with the submission of the title of articles for the formation of the program until **November 15, 2020**.

Deadline for submission of articles: **February 15, 2021**.

Notification of the results of the consideration of articles: **April 01, 2021**.

Publication

By the beginning of the ISTS, scientific works indexed in the Russian Science Citation Index will be published with articles in the original language.

Each of the articles in the collection of scientific papers will be assigned a DOI identifier!

By the beginning of the ISTS, the articles selected by the reviewers will be published in two or three special issues of the journal Chemical Fibers (Web of Science, Scopus, Higher Attestation Commission (Russian)).

Purposes of ISTS

✚ Exchange of scientific and technical information in the field of theory and practice of modern energy and resource efficient safe thermal, mass transfer, hydromechanical and other processes and devices of chemical, oil refining, textile, food, woodworking, microbiological, medical, pulp and paper and other industries and agroindustry complex

✚ Discussion of ways to implement energy and resource efficient safe thermal, mass transfer, hydromechanical and other processes and devices of chemical, oil refining, textile, food, woodworking, microbiological, medical, pulp and paper and other industries and agroindustry complex

Main fields of study of ISTS

Field 1: theory and mathematical modeling of energy and resource efficient thermal, mass transfer, hydromechanical and other processes.

Field 2: technology and hardware design of energy and resource efficient safe thermal, mass transfer, hydromechanical and other processes and devices of chemical, oil refining, textile, food, woodworking, microbiological, medical, pulp and paper and other industries and agroindustry complex.

Field 3: Technosphere protection processes and systems (industrial and environmental safety, risk management).

Field 4: digital technologies in energy and resource efficient processes and technological systems.

Field 5: actual environmentally friendly innovative technologies for producing new functional polymer and nanomaterials.

Roundtable 1: improving the teaching of engineering disciplines at technical universities in Russia, China and other countries.

Roundtable 2: the role of scientific and engineering schools (scholarly traditions) in Russia, China and other countries in the development of technical sciences, education and industry.

Roundtable 3: international cooperation of scientific, pedagogical and engineering schools (scholarly traditions) of Russia, China, R. Belarus and other countries.

Organizers of ISTS

- ✚ Ministry of Science and Higher Education of the Russian Federation
- ✚ Ministry of Industry and Trade of the Russian Federation
- ✚ Russian Academy of Sciences
- ✚ Russian Union of Scientific and Engineering Public Associations
- ✚ China Association for Science and Technology (CAST)
- ✚ The Kosygin State University of Russia
- ✚ Mendeleev Russian Chemical Society
- ✚ Russian Academy of Engineering
- ✚ Eurasian Information and Analytical Consortium
- ✚ RUSEA Committee on Problems of Energy and Resource Efficient Chemical Technologies
- ✚ Kurnakov Institute of General and Inorganic Chemistry of the Russian Academy of Sciences
- ✚ A.V. Luikov Institute of Heat and Mass Transfer of the National Academy of Sciences of Belarus
- ✚ Saint-Petersburg State Institute of Technology
- ✚ Moscow State University of Food Production
- ✚ Moscow Polytechnic University
- ✚ Ivannikov Institute for System Programming of the RAS
- ✚ Institute of Chemical Reagents and High-Purity Chemical Substances of the National Research Center «Kurchatov Institute»
- ✚ D. Mendeleev University of Chemical Technology of Russia

President of the Symposium

President of the Russian Union of Scientific and Engineering Public Associations (RUSEA), Member of the Presidium of the Russian Academy of Sciences, Academician of RAS **Gulyaev Yury Vasilyevich.**

Chairman of the Program (Scientific) Committee

Vice-President of the D.I. Mendeleev Russian Chemical Society, Co-Chair of the RUSEA Committee on Problems of Energy and Resource Efficient Chemical Technologies, Professor **Kulov Nikolai Nikolaevich.**

Co-chairs of the Scientific Committee of the Symposium

Rector of the Kosygin State University of Russia, Professor **Belgorodsky Valery Savelievich;**

President of the D.I. Mendeleev Russian Chemical Society, Academician of the Russian Academy of Sciences **Tsvadze Aslan Yusupovich;**

President of the Russian Academy of Engineering, Corresponding Member of the Russian Academy of Sciences **Gusev Boris Vladimirovich**;

Management representative The China Association for Science and Technology, Deputy President of the Russian Academy of Sciences, Member of the Presidium of the Russian Academy of Sciences, Corresponding Member of the Russian Academy of Sciences, **Ivanov Vladimir Viktorovich**;

Board member of the D.I. Mendeleev Russian Chemical Society, director of the International Institute of Logistics, Resource Saving and Technological Innovation, Academician of the Russian Academy of Sciences, **Meshalkin Valery Pavlovich**;

Director of the Institute for System Programming named after V.P. Ivannikov RAS, Academician of RAS **Avetisyan Harutyun Ishkhanovich**;

Director of the N.S. Kurnakov Institute of General and Inorganic Chemistry of RAS, Corresponding Member of RAS, **Vladimir Konstantinovich Ivanov**.

Deputy Chairmen of the Organizing and Program Committees

Vice-rector of the Kosygin State University of Russia;

Vice-President, First Secretary of RUSEA, First Vice-President of the International Union of Scientific and Engineering Associations **Drukarenko Sergey Petrovich**.

Scientific Secretary of the Scientific Committee of the Symposium

Professor of the Kosygin State University of Russia
Kosheleva Maria Konstantinovna (mob. 8 (926) 355 04 48, e-mail: otxpaxt@ ya.ru).

The program (scientific) international committee

Abiev R.Sh. prof. (Russia), Akulich A.V. prof. (Belarus), Akulich P.V. prof. (Belarus), Avetisyan A.I. Academician of RAS (Russia), Babkin V.V. prof. (Russia), Balykhin M.G. prof. (Russia), Belgorodsky V.S. prof. (Russia), Berentgarten M.G. prof. (Russia), Blinichev V.N. prof. (Russia), Cherepenin V.A. Corresponding Member RAS (Russia), Dornyak O.R. prof. (Russia), Drukarenko S.P. Dr. (Russia), Dyakonov S.G. prof. (Russia), Fedosov S.V. acad. RAASN (Russia), Frolkova A.K. prof. (Russia), Generalov M.B. prof. (Russia), Grunsky V.N. prof. (Russia), Gulyaev Yu.V. Academician of RAS (Russia), Gusev B.V. Corresponding Member of RAS (Russia), Ivanov V.K. Corresponding Member of RAS (Russia), Ivanov V.V. Corresponding Member of RAS (Russia), Kildeeva N.R. prof. (Russia), Khmelev V.N. prof. (Russia), Kholkin A.I. acad. RAS (Russia), Klinov A.V. prof. (Russia), Kobrakov K.I. prof. (Russia), Kosheleva M.K. prof. (Russia), Kulov N.N. prof. (Russia), Labutin A.N. prof. (Russia), Leontiev L.I. Academician of RAS (Russia), Lesovik V.S. Corresponding Member RAASN (Russia), Lipin A.G. prof. (Russia), Lukachevsky B.P. dr. (Russia), Mazhuga A.G. prof. (Russia), Meshalkin V.P. Academician of RAS (Russia), Mizonov V.E. prof. (Russia), Olshanskaya L.N. prof. (Russia), Ostrikov A.N. prof. (Russia), Pavlyukevich N.V., corresponding member NAS of Belarus (Belarus), Ravichev L.V. prof. (Russia), Rudobashta S.P. prof. (Russia), Tarantseva K.R. prof. (Russia), Tsivadze A.Yu. Academician of RAS (Russia), Voshkin A.A. prof. (Russia), Alves-Filho O. prof. (Norway), Anthony I. Okoh, Prof. (South Africa), Berthiaux Henri prof. (France), Dang Vu Minh, prof. (Vietnam), David Fletcher, prof. (Australia), Ditl P. prof. (Czech Reb.), Dmitry Yu. Murzin, prof. (Finland), Faiçal Larachi, prof. (Canada), Gerhardt Ribatski, prof. (Brazil), Gong K.E., prof. (China), Jirout T. prof. (Czech Reb.), Jürgen Brandner, prof. (Germany), Kiwi-Minsker Lioubov, prof. (Switzerland), Thomas Kiefer, prof. (Germany), Krawczyk J. prof. (Poland), Levitsky S. prof. (Israel), Mark Simmons, prof. (UK), Marlene Kanga, dr. (Australia), Martin Woerner, prof. (Germany), Martine Poux, prof. (France), Martyn Poliakoff, prof. (UK), Mechtcherin Victor prof. (Germany), Mujumdar Arun S, prof. (Canada, Singapore), Rieger F. prof. (Czech Reb.), Ritunesh Kumar, prof. (India), Smechowski Krzysztof, prof. (Poland), Środulska-Krawczyk Małgorzata, prof. (Poland), Tapio Salmi, prof. (Finland), Volker Hessel, prof. (Netherlands).

Symposium structure

The symposium includes plenary sessions, work of sections with viva-voce report and poster presentation, roundtables, lectures. It is planned to hold a competition of scientific works of young scientists (up to 35 years old) from Russia and China.

Languages

Working languages of the symposium – English and Russian.

Report requirements

The ISTS program will include concept papers containing new ideas and approaches, analytical reviews, reports and messages on previously unpublished results.

The procedure for submission and selection of reports (articles)

Articles should clearly reflect the content of the proposed report (message), their length is not less than three and not more than six carefully edited pages. Literary sources in the list, preferably no more than 10 items.

Sample of articles: www.eeste.org, e-mail: info@eeste.org.

Articles of a declarative nature will not be considered.

Abstracts will not be published and should not be sent!

ISTS information support and contacts

Official site of Symposium: <http://www.eeste.org>;

RUSEA official site: <http://www.rusea.info> (*only Russian*);

Official site of the RUSEA Committee on Problems of Energy and Resource Efficient Chemical Technologies: <https://www.chem-com.ru/ru/sample-page/>;

Official site of the Kosygin State University of Russia: <http://www.kosygin-rgu.ru> (*only Russian*);

Official site of the ERETIES department of the Kosygin State University of Russia: <https://etpeb.ru>;

e-mail: info@eeste.org.

Phone number: 8(926) 355-04-48 (Scientific Secretary of the Scientific Committee of the Symposium, Professor of the Kosygin State University of Russia Kosheleva Maria Konstantinovna). **WhatsApp:** 8(963)632-18-73.

Anna: 8(999)812-95-29. **Marina:** 8(977)292-34-73

Registration form, information about accommodation and cultural program are posted on the Symposium official site: <http://www.eeste.org>.