

MINISTRY OF SCIENCE AND HIGHER EDUCATION OF THE REPUBLIC OF
KAZAKHSTAN
ALMATY TECHNOLOGICAL UNIVERSITY



INFORMATION LETTER

Dear colleagues!

We invite you to take part in the school-student scientific and technical conference "Innovative technology in technical physics, thermal power engineering, refrigeration, technological equipment and automation", which will be held on December 04, 2024, 10.00 at Almaty Technological University, Almaty, Furkata str. 348/4.

Registration from 9.00 -10.00.

Schoolchildren, students, undergraduates, doctoral students of universities, colleges and schools of the Republic of Kazakhstan, countries of near and far abroad with the participation of scientific supervisors are invited to the conference.

Conference directions:

- 1. Technical Physics**
- 2. Refrigeration and technology**
- 3. Thermal power engineering**
- 4. Technological equipment of the food industry**
- 5. Automation of industrial heat and cooling supply, technological equipment and processes.**

The form of participation in the conference

- presentation of the plenary report;
- presentation of a sectional report;
- publication without a report.

A collection will be published based on the materials of the conference. The collection will be assigned an international ISBN index.

Working languages of the conference: Kazakh, Russian, English.

Presentation of reports:

Reports and messages of no more than 3 full pages of text (including graphic material) are presented in an interactive form. To submit reports, you must register electronically **online** at the following link: https://anketa.atu.kz/application/add_conference

The report is attached as a separate file to the completed registration form. The file name is the surname of the first author. The text is typed in Times New Roman, Times New Roman KK EK font, Format: MS Word 95/97/2000/XP, book, font size - 14, line spacing – single, margins on all sides - 20 mm.

The text of the report is drawn up according to the following scheme: At the beginning of the document, the UDC index is indicated in the upper left corner, then on the next line in capital letters in the middle - the title of the report, on the next line - the surname and initials of the authors indicating

the academic degree, place of work, city, country, e-mail address and from the next line - the text of the report. The text is the original and cannot be edited.

The number of articles from one author is not more than 3.

The deadline for submitting reports is **November 25, 2024 (inclusive)**. The Organizing Committee reserves the right to reject reports issued in violation of the requirements that do not correspond to the topic of the conference or received after November 25, 2024.

The reports will be published in the Collection of scientific papers of the conference and posted on the website www.atu.edu.kz.

The authors are responsible for the scientific content and presentation of the materials. Materials that do not meet the conference topic and design requirements, or sent later than the deadline, will not be considered and will not be returned.

The costs associated with arrival at the conference are covered by the participants.

Key dates of the conference

Registration on the website and presentation of reports - **until November 25, 2024**.

Contact information of the organizing Committee

Mukhtarkhanova Raun Buribaevna Ph.D., Head of the Department of Science at ATU
Tsoy Alexander Petrovich, Doctor of Technical Sciences, Professor, Department of “Mechanization and Automation of production processes” ATU
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For all questions about participation, organization and holding of the conference, you can contact:

Address of the Organizing Committee:

050012, Republic of Kazakhstan, Almaty, Tole bi str., 100 Almaty
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Sample design of the report

UDC 664.002.5

**PROSPECTS FOR THE DEVELOPMENT OF ACTIVE VENTILATION OF GRAIN IN THE
POST-HARVEST PERIOD AND DURING LONG-TERM STORAGE**

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Post-harvest grain processing is aimed at bringing the grain mass harvested from the fields into a stable state during storage while maintaining or improving the quality of the received grain. The sequence of processes and operations of post-harvest grain processing includes: grain acceptance, purification from impurities of organic and mineral origin, drying in dryers, and active ventilation using installations and ventilation systems of various designs [1; 2].....

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Drawing

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Fig. 1. The name of the picture

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Text

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Literature

1. Bratersky, F.D. Post-harvest grain processing / F.D. Bratersky, C.B.Karabanov. -M.: Agropromizdat, 1986. -175c.
2. Voblikov, E.M. Post-harvest processing and grain storage/ E.M. Voblikov, V.A.Bukhantsov, B.K. Muratov, A.C. Prokoptsev. -Rostov n/A: March, 2001.-240s.
3. Patent of the Republic of Kazakhstan for utility model No. 5369. A method of active ventilation or drying of bulk products and an installation for its implementation/Askarov A.D., Nasrullin G.Sh., Askarova A.A., Publ. 29.11.2019, Byul. No. 36. - 7c.