**ANNOUNCEMENT**

At Karaganda University named after academician E.A. Buketov will defend a dissertation for the degree of Doctor of Philosophy (PhD) by **Turarov Amankeldy Kabdygalievich** on the topic: «Numerical solution of the multiphase dynamic model of the gas lift process» («Численное решение многофазной динамической модели газлифтного процесса») according to the educational program 8D05401–Mathematics.

The dissertation was completed at the Department of Mathematics of the International School of Engineering of the NAO East Kazakhstan Technical University named after D. Serikbayev.

Dissertation submission form: **dissertation work.**

Language of protection: **Russian.**

**Reviewers:**

1. Bakanov Galitdin Bakanovich - Doctor of Physical and Mathematical Sciences, Professor, Professor of the Department of Mathematics of the International Kazakh-Turkish University named after H.A. Yasavi, (01.01.07 - Computational Mathematics), Turkestan, Kazakhstan;

2. Rysbayuly Bolatbek, Doctor of Physical and Mathematical Sciences, Professor of Astana IT University, (01.01.07 - Computational Mathematics), Astana, Kazakhstan.

**Scientific consultants:**

Temirbekov Nurlan Mukhanovich – Doctor of Physical and Mathematical Sciences, Academician of the National Academy of Sciences of the Republic of Kazakhstan, Professor, Al-Farabi Kazakh National University, Almaty, Kazakhstan;

Aliyev Fikret Akhmedali oglu – Doctor of Physical and Mathematical Sciences, Academician of the National Academy of Sciences of Azerbaijan, Professor, Baku State University, Baku, Azerbaijan.

**Temporary dissertation council members:**

1. Eshmamatova Dilfuza Bakhromovna - Doctor of Physical and Mathematical Sciences, Associate Professor, Head of the Department of Higher Mathematics at Tashkent State Transport University (05.01.07 – Mathematical modeling. Numerical methods and complexes of applications Mathematical modeling. Numerical methods and complexes of applications), Tashkent, Uzbekistan;

2. Dzhenaliev Muvasharhan Tanabaevich - Doctor of Physical and Mathematical Sciences, Professor, Chief Researcher of Institute of Mathematics and Mathematical Modeling Science Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan (01.01.02 – Differential Equations and Mathematical Physics), Almaty, Kazakhstan;

3. Olshansky Maxim Aleksandrovich - Doctor of Physical and Mathematical Sciences, (01.01.12 – Computational Mathematics and Mathematical Modeling), Professor, University of Houston, Houston, Texas, USA.

The defense will take place: August 29, 2025 at 14:00 at the dissertation council at Karaganda University named after academician E.A. Buketov in the educational program 8D05401 – Mathematics / in the specialty 6D060100 – Mathematics in a mixed format using the Microsoft Teams platform: [https://teams.microsoft.com/l/meetup-join/19%3ameeting\_MzExYTk4OGMtNmZiOC00ZmVlLTlhZDAtNWQ2YjkwM2E4NDIw%40thread.v2/0?context=%7b%22Tid%22%3a%220a454519-0ba8-4a0f-ad07-44d17ea7d7ac%22%2c%22Oid%22%3a%22d2250dfe-2e9d-4f5a-bd6f-f7eff2c450c1%22%7d](https://teams.microsoft.com/l/meetup-join/19%3Ameeting_MzExYTk4OGMtNmZiOC00ZmVlLTlhZDAtNWQ2YjkwM2E4NDIw%40thread.v2/0?context=%7b%22Tid%22%3a%220a454519-0ba8-4a0f-ad07-44d17ea7d7ac%22%2c%22Oid%22%3a%22d2250dfe-2e9d-4f5a-bd6f-f7eff2c450c1%22%7d)