

About the defense of the doctoral dissertation

The North Kazakhstan University named after M. Kozybayev will defend the dissertation of Kim Gulnar on the theme «Development of mathematical models and algorithms for automatic control of the productivity of medicinal plant growth in the conditions of hydroponic systems», specialty 6D075100 «Computer Science, computer engineering and management».

The dissertation work was performed at M. Kozybayev North Kazakhstan State University, Department of Information and Communication Technologies.

Defense language is Russian. The thesis is presented in dissertation form.

Reviewers are:

1. Logunova Oksana Sergeevna, Professor, Doctor of Technical Sciences, specialty 05.13.06 – «Automation and Control of Technological processes and Productions», Head of the Department of Computer Engineering and Programming, Institute of Power Engineering and Automated Systems, Magnitogorsk State Technical University named after G.I. Nosov, Magnitogorsk, Russian Federation.

2. Ismailova Aisulu Abzhapparovna – PhD in «6D070300 – Information systems (by industry)» specialty, Acting Associate Professor of «Information Systems» department of the faculty of computer systems and vocational education of the Kazakh Agrotechnical University named after S. Seifullin, Nur-Sultan, Republic of Kazakhstan.

Scientific supervisors:

1. Demyanenko Alexander Valentinovich, Candidate of Technical Sciences in 05.13.07 – «Automation of technological processes and production» specialty, Associate Professor of «Power Engineering and Radio Electronics» department of the Faculty of Engineering and Digital Technologies of SKU named after M. Kozybayev, Petropavlovsk, Republic of Kazakhstan.

2. Logacheva Olga Mikhailovna, Candidate of Physical and Mathematical Sciences in 01.01.02 – «Differential equations» specialty, Associate Professor of the Department of Higher Mathematics, Siberian State University of Geosystems and Technologies, Novosibirsk, Russian Federation.

Provisional members of the Dissertation council are:

1. Uvalieva Indira Makhmutovna, PhD in specialty 6D070300 - «Information systems», Docent of the Department «School of Information Technologies and Intelligent Systems» of D.Serikbayev East Kazakhstan State University, Ust-Kamenogorsk, Republic of Kazakhstan.

2. Shaikhanova Aigul Kairulayevna, PhD in specialty 6D070400 - «Computer Engineering and Software», Associate Professor, Dean of the Faculty of Technology, Kazakh University of Technology and Business, Nur-Sultan, Republic of Kazakhstan.

3. Ospanov Erbol Amangazovich, PhD in specialty 6D070200 – «Automation and control», Acting Associate Professor of the Department «Automation and Information Technologies», «Shakarim University of Semey», Semey, Republic of Kazakhstan.

The dissertation defense will take place in a mixed format on March 17, 2022 at 12.00 a.m. in the Dissertation Council for the specialties 6D071900 - «Radio Engineering, electronics and telecommunications» and 6D075100 – «Computer Science, Computer Engineering and Management» at the M. Kozybayev North Kazakhstan University at the address: Petropavlovsk, 86 Pushkin St., academic building No. 2, conference hall, link to zoom platform:

<https://us02web.zoom.us/j/3969033934?pwd=cHJsN1NGTUplPL2FRQjBNTVp6UnJVZz09>

Conference ZOOM ID: 396 903 3934, **Access code:** 439633

Live broadcast of the defense on the channel of the Dissertation Council of M. Kozybayev NKU at the link: <https://www.youtube.com/channel/UClJ9A5AApmu7p-NTJvsmlCw>

e-mail: dissovets@nku.edu.kz