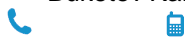


PERSONAL INFORMATION

Sakipova Saule Erkeshevna



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| **Date of birth:** 16/07/1957

PLACE OF WORK, POSITION

Academician E. A. Buketov KarU, Physics and Technology Faculty, Department of Engineering Thermophysics named after Professor Akylbayev Zh.S., Professor

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Candidate of Physical and Mathematical Sciences
Docent
Associate Professor

WORK EXPERIENCE

Place and date

1978–1980 - engineer, researcher of the laboratory of NIETF, Kazakh State University named after S.M. Kirov (now al-Farabi KazNU), Almaty.

1980–2005 – Lecturer, Senior Lecturer, Associate Professor of the Department of Thermal Physics, E.A. Buketov KarSU

2005-2009 – Head of the Department of General and Theoretical Physics
E.A. Buketov KarSU

since 2010 to the present - Professor of the Department of Engineering Thermal Physics named after Professor Zh.S. Akylbaeva, E.A. Buketov KarU

EDUCATION AND PROFESSIONAL TRAINING

Education

– 1973-1978 – Kazakh State University named after S.M. Kirov (now al-Farabi KazNU), Faculty of Physics. Specialty Physics. Qualification - Physicist. Physics teacher.

– 1994-1996 – postgraduate study

– 2001-2003 – doctoral studies, E.A. Buketov KarSU, Department of Thermal Physics

Professional trainings, Scientific trips

– 2001, October-November - - scientific internship "Multimedia applications in the educational process", Korea University of Technology and Education, Seoul, South Korea. Certificate.

– 2013, November - grant scientific internship "Basic principles of University pedagogy", Polytechnic University, Valencia, Spain; Certificate

SKILLS DEVELOPMENT INFORMATION

– 2012 "Intensive English courses. Level B2. Certificate No. 594012, May 30, 2012;

–2012 "Methods of teaching on technology of distance learning". Certificate No. 367012, April 16, 2012;

- 2012 "Technology Commercialization", Certificate inno Group AG, November 8, 2012;

- 2012 "Modernization of technical and vocational education". Seminars on the development of professional standards within the framework of the Project of the World Bank and the Ministry of Education and Science of the Republic of Kazakhstan. Certificate, November 17, 2012.;

- 2013 "Qualification improvement program for teachers of pedagogical specialties of

universities of the Republic of Kazakhstan (256 hours), "NTsPK Orleu", Almaty. Certificate No. 0126476, November 15, 2013;

- 2013 "Basic principles for University pedagogy". Valencia, Spain. International Certificate No. 13/25312, November 12, 2013.
- 2014 "Thomson Reuters Research Resources". Certificate, April 22, 2014.
- 2017 "Information tools for authors of scientific publications". Clarivate Analytics. Certificate, November 02, 2017.
- 2017 "Achievement in Recognition of Progress and Improvement. Read. Write. Learn English" (50 hours). NYPL. Certificate, December 14, 2017.
- 2018 "Achievement in Recognition of Progress and Improvement. Read. Write. Learn English» (48 hours). NYPL. Certificate, March 25, 2018.
- 2018 "Preparing Scientific Journals for Promotion in the International Information Space: SCOPUS Recommendations". NEICON, Moscow, Russia. Certificate, April 23, 2018.
- 2020 "Evaluation of scientific publications: modern tools and their correct application". Clarivate. web of science. Certificate, September 18, 2020.
- 2020 "Distance education in a pandemic: training, preparation and assessment", Framework of the III Eurasian Forum on Quality Assurance in Higher Education, Astana, IQAA Certificate, October 16, 2020.
- 2021r. «Authors workshop: How to find a right journal for your article». Researcher Academy, al-Farabi KazNU, Certificate, April 21, 2021.
- 2021r. «Modeling of unsteady heat transfer processes using MathCAD» (72hours). Lublin University of Technology (Poland), Certificate, October 1, 2021.
- 2021 «Elsevier: Publish Smart. Science metrics for evaluation of researchers, publications, and titles: theory and practice». Researcher Academy, MES RK. Certificate, November 03, 2021
- 2021 "Digital technologies and interactive approaches in the educational process" (72hours). NITPU, Tomsk, Russia. Certificate No. 036098, November 20, 2021.
- 2022 "Organizational decisions and technologies of cooperation between education, science, business and government" (12 hours). TUSUR, Tomsk. No. 702414868621, January 30, 2022
- 2022 "Application of information technologies for the development of measuring systems" (60 hours) NITPU, Tomsk, Russia. Certificate No. 039817 dated 06/24/2022.
- 2022 "Web of Science Core Collection: Search Variations". Clarivate. Certificate, September 21, 2022.

PERSONNEL QUALITIES
Native language

Kazakh
Russian – in perfect, English - good

Digital skills

ADVANCED USER: MICROSOFT OFFICE (WORD, EXCEL, POWERPOINT), MATLAB, MATHCAD

Other skills (hobbies)

Reading, music, theatre, travel

ADDITIONAL INFORMATION

Training of scientific and pedagogical personnel

1) Korabeinikova Valentina Klimentieva - Candidate of Technical Sciences, specialty "Thermophysics and Theoretical Heat Engineering", 2002.
2) 15 Masters in Physics

Main publications

The total number of published scientific and educational works is about 200, including:

- in Journals indexed in Scopus database - 21;
- in Journals indexed in WoS Clarivate Analytics database - 16;
- in Journals recommended by KOKSON MES RK - 51;
- in Journals indexed in RSCI database - 49;

including:
7 Author's Certificates of Patents of the Republic of Kazakhstan for inventions (co-authored);
1 textbook, 2 study guides, 1 electronic textbook (co-authored);

Participation in the implementation of scientific projects

- 1) 2012-2014 - Project No. 508 "Electropulse technology for the extraction of rare metals from metal-containing and technogenic raw materials", state registration No. 0112RK00667, project manager;
- 2) 2013-2015 - Project No. 523 "Wind turbine for low wind speeds with a dynamically changing shape of the blade surface", state registration No. 0113RK01001, responsible executor.
- 3) 2014-2015 – ESF Project No. ESS 2013/143 "Latvian climate and quality living environment for the application of a sustainable and systematic solutions for almost zero consumption", VTPMML Laboratory, University of Latvia, Riga, Latvia; invited lead researcher.

Membership in professional scientific organizations

Editorial Board of the scientific journal "Eurasian Physical Technical Journal", since 2016 - Editor-in-chief.

Awards and titles

1. Honorary diploma of Akim of Karaganda, 2002
2. Diploma of the Ministry of Education and Science of the Republic of Kazakhstan, 2005
3. State grant "The best teacher of the university", 2006
4. Honorary diploma of KarSU (2005, 2009)
5. Letter of thanks from the Karaganda regional maslikhat, 2011
6. Medal for the 40th anniversary of the KarSU, 2012
7. Title - Honored Worker of the University, 2020

Courses

1. Physics and technology of energy saving and renewable energy sources.
2. Information analysis of nonlinear processes of heat and mass transfer in heterogeneous media under pulsed impacts.
3. Turbine installations of thermal power stations.
4. Foreign terminology in alternative energy (English)
5. Physics of impulse phenomena
6. Computer modeling of physical processes using MathCAD (English)

Professional and scientific interests

1. Wind power engineering. Aerodynamics of small and medium power wind turbines. Innovative technologies for the use of alternative energy sources.
2. Modeling of Nonlinear Physical Processes of Heat and Mass Transfer under Impulse Actions in Heterogeneous Media.
3. Electropulse technologies for processing and beneficiation of ore and technogenic raw materials.
4. Intensification of heat exchangers based on electro-hydraulic treatment.
5. Application of multimedia technologies and interactive computer programs in the educational process of teaching physics.

SCIENTIFIC DATABASES IDENTIFIERS

Scopus Author ID: 6504154211
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