

## PERSONAL INFORMATION

## TANASHEVA NAZGUL KADYRALIEVNA



Republic of Kazakhstan, Karaganda city, 28 Universitetskaya str., Academician E. A. Buketov KarU

 nazgulya@ans@mail.ru



| Date of birth: 20/10/1980.

### PLACE OF WORK, POSITION

Academician E. A. Buketov KarU , associate professor

### ACADEMIC DEGREE, ACADEMIC TITLE

Doctor of Philosophy (PhD), specialty 6D060400-Physics

## WORK EXPERIENCE

### Place and date

2001-2002-Kokshetau branch of Aina University, laboratory assistant of the Department of Information Systems and Mathematics

2002-2009- Sh. Ualikhanov Kokshetau State University, lecturer of the Department of General and Theoretical Physics, Deputy Dean of the Faculty of Physics and Mathematics

2015-2018-Senior Lecturer, Sh. Ualikhanov Kokshetau State University

2018-2020-Scientific Secretary of the RSE "Institute of Applied Mathematics" of the SC MES RK

2020 to the present time: Associate Professor of the Zh.S. Akylbaev Department of Engineering Thermophysics of E.A. Buketov NJSC KarU.

## EDUCATION AND INTERNSHIPS

### Education

Higher education: Sh. Ualikhanov KSU, "Physics" – 1997-2001.;

Master's degree program: Sh. Ualikhanov KSU, 6M060400-Physics – 2009-2011;

PhD's degree program: E. A. Buketov Karaganda State University, 6D060400-Physics, 2011-2015.

### Internships, scientific trips

- certificate of scientific internship at TSU "Aerodynamics of rotating cylinders of variable section" 241 hours, scientific internship (2014)

- certificate of scientific internship at the Research Institute of TSU "Mathematical modeling of a rotating cylinder in an air stream" 36 hours, scientific internship (2018)

## TRAINING INFORMATION

- certificate "Energy for our future: GREEN ENERGY" (2017)

- certificate of participation in the international conference "Technical Sciences - from theory to practice" (2015)

- certificate of advanced training for the course "Improving the teaching of disciplines in

the direction of technical science and technology", Karaganda. KarSU (2017)  
 - certificate C O U R S E on the topic "Safety in the Utility Industry", November 2020.  
 - certificate C O U R S E on the topic "Electric Power Systems", December 2020

**PERSONAL QUALITIES** Discipline, responsibility, punctuality, dedication, fairness, perseverance, attentiveness.

**Knowledge of languages**

**Native language** Kazakh language

Language name	UNDERSTANDING		SPEAKING		LETTER
	Hearing	Reading	Oral speech	Written speech	
Russian language	Perfectly	Perfectly	Perfectly	Perfectly	Perfectly
English language	A	A	A	A	A

**Computer skills** In perfection – MICROSOFT OFFICE (WORD, EXCEL, POWER POINT)

**Other skills (hobbies)** Read books

**ADDITIONAL INFORMATION**

1. Kusaiynov K., Tanasheva N.K., Kambarova Zh.T., Shaimerdenova K. M., Alibekova A.R. Flow Past the Sail Blade of a Wind Turbine // Journal of Engineering Physics and Thermophysics. – 2015. – Vol 88. – № 2. – P. 497-503. (Scopus, SJR-0.230) <http://www.scopus.com/authid/detail.url?authorId=56604246200>
2. Kusaiynov K., Tanasheva N.K., Turgunov M.M., Alibekova A.R. Analysis of aerodynamic characteristics of rotating porous cylinders // Technical Physics. Pleiades Publishing. – 2015. – V.60. – № 5. – P. 656-659.
3. Kusaiynov K., Tanasheva N.K., Min'kov L. L., Nusupbekov B. R., Stepanova Yu. O., Rozhkova A. V. Numerical simulation of a flow past a triangular sail-type blade of a wind generator using the ANSYS FLUENT software package // Technical Physics. Pleiades Publishing. – 2016. – Vol. 61. – № 2. – P. 299-301. (Thomson Reuters – 0.524, SCOPUS) <http://www.scopus.com/authid/detail.uri?authorId=56604246200>
4. Kussayinov K., Tanasheva N.K., Shuyushbayeva N.N., Ryzhykh Yu.N., Stepanova Yu.O., Bagdatova S.B. Simulation of airflow pattern of two rotating cylinders // Bulletin of the Karaganda University. - Physics series. - 2016. - No. 2 (82). - P. 50 [http://vestnik.ksu.kz/files\\_vestnik/Physics/Physics\\_1\\_81\\_2016.pdf](http://vestnik.ksu.kz/files_vestnik/Physics/Physics_1_81_2016.pdf)
5. Tanasheva N.K., Nusupbekov B.R., Dyusembaeva A.N, Kunakbaev T., Bazarbek M. Mathematical modeling of the cylinder rotation system in a turbulent air flow // Bulletin of D. Serikbayev EKSTU (joint issue of SB RAS, Russia). - Technical sciences. - Ust-Kamenogorsk, 2018. – №3 (1) – Part 3. - P. 45-50. (CCES MES RK)
6. Tanasheva N. K., Shuyushbayeva N. N., and Mussenova E. K. Studying the Dependence of the Aerodynamic Characteristics of Rotating Cylinders on the Rake Angle of Air Flow // Technical Physics Letters. – 2018. – Vol. 44. – № 9.– P. 787–789. (Web of Sc. IF – 0.632, SCOPUS, Q4)
7. Tanasheva N.K., Dyusembaeva A.N., Nussupbekov B.R., Min'kov L.L., Nurgalieva Zh.G., Sadenova K.K. The study of the aerodynamic coefficients of rotating cylinders // Bulletin of the Karaganda University. – Physics Series. – 2019. –№2(94). – P. 108-114. (CCES MES RK, Web of Science)
8. Tanasheva N.K., Nusupbekov B.R., Dyusembaeva A.N., Shuyushbayeva N.N. Analysis of Aerodynamic Characteristics of Two Parallel Rotating Cylinders // Technical Physics. – 2019. – Vol. 64., № 7.– P. 947-949. (Web of Science IF – 0.637, SCOPUS, Q4)
9. N.K. Tanasheva, A.N. Dyusembaeva, N.N. Shuyushbaeva. Research lift coefficient on the distance between the revolving cylinders a turbulent stream // Bulletin of the Karaganda University. – Physics Series. – 2020. – №1(97). – P. 82-87. (Web of Science, CCES MES RK)
10. T. Kunakbaev, N. Tanasheva, A. N. Dyusembaeva, K. M. Shaimerdenova and B. M. Sagitzhanova. Experimental and Theoretical Studies of the Efficiency of Autonomous Multistory Wind Power Plants // Technical Physics. – 2020. – Vol. 65. – № 1.– P. 37-40. (Web of Science IF – 0.637, SCOPUS, Q4) DOI: 10.1134/S1063784220010168
11. N.K. Tanasheva, L. V. Chirkova, A. N. Dyusembaeva, K. Sadenova. Aerodynamic characteristics of a rotating cylinder in the form of a truncated cone // Journal of Engineering Physics and Thermophysics. – 2020. – Vol. 65. – № 1.– P. 551-555. (Web of Science, SCOPUS, quartile Q-1, percentile 48%) DOI: 10.1007/s10891-020-02152-1

#### Main publications

#### Participation in the implementation of scientific projects

from 2012-2014 – Researcher of grant topic MES RK "Development of wind turbines for low wind speeds based on the Magnus effect " Vikhr" (state enterprise Institute of applied mathematics MES RK)

from 2015-2017 – Senior researcher of topic "Integrated development, technology, manufacturing, theoretical and experimental studies of pilot samples of small wind turbines" (RSE on PVC Academician E. A. Buketov Karaganda state University)

from 2018-2020 – Scientific supervisor No. AP05131520 " Development and creation of a prototype wind power plant for alternative power supply using a domestic-made electric generator»

Letter of thanks for participation in the forum dedicated to G-Global EXPO-2017 "Green Economy".

#### Awards and titles

- winner of the international competition of scientific projects carried out by young scientists from foreign countries under the guidance of candidates and doctors of sciences in scientific organizations of the Russian Federation in 2012 (grant No. 12-08-56501-mol\_in\_nr, internship - Tomsk, Tomsk State University) " (2012);

- the winner of the international competition of scientific projects carried out by young scientists from foreign countries under the guidance of candidates and doctors of sciences in scientific organizations of the Russian Federation in 2013 (grant No. 13-08-90901-mol\_in\_nr, internship - Tomsk, Tomsk State University) " (2013)

- the winner of the title " Best University Lecturer" (MES RK, 2020)

#### Courses taught

1. Fluid and gas mechanics

2. Organization and planning of scientific research in the heat power energy

3. Basic principles and problems of modern wind energy

4. Methods of scientific research

#### Sphere of professional and scientific interests

- electrical impulse phenomenon in heterogeneous media

- aerodynamics of rotating cylinder systems

#### SCIENTIFIC DATABASES IDENTIFIERS

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**Researcher ID:** O-7720-2017

**ORCID ID:** <https://orcid.org/0000-0003-4273-0960>

**RSCI identifier :** 5422-1856

**Author ID Scopus:** 56604246200