

PERSONAL INFORMATION

Kazhikenova Aigul Sharapatovna



Karagandy University of the name of academician E.A. Buketov, Kazakhstan, Karaganda c., University street, 28



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🗨 What's App: +7

| Date of birth: 03/04/1961

PLACE OF WORK, POSITION

Karagandy University of the name of academician E.A. Buketov, associate professor

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

- Candidate of technical science

WORK EXPERIENCE

Place and date

- since 2011 - Associate Professor of the Department of Methods of Teaching Mathematics and Informatics, Karaganda State University of the name of academician E.A. Buketov
- from 2008 to 2011 - Senior Lecturer of the Department of Methods of Teaching Mathematics and Informatics, Karaganda State University of the name of academician E.A. Buketov
- from 2002 to 2008 - Senior Lecturer of the Department of Mathematics and Modeling Methods, Karaganda State University of the name of academician E.A. Buketov
- from **2001** to **2002** - Teacher of the Karaganda College of Contemporary Education "Bolashak"
- from **1999** to **2001** - Head of the Scientific Department, Senior Lecturer of the Department of Higher Mathematics of the Karaganda Financial Institute
- from **1998** to **1999** - Senior Lecturer of the Department of Fundamentals of Sciences of the Institute for Advanced Training of Educators, Karaganda
- from **1996** to **1998** - Lecturer at the Department of Differential Equations, Karaganda State University of the name of academician E.A. Buketov
- from **1986** to **1996** - Lecturer, senior lecturer of the Karaganda Pedagogical Institute
- from **1983** to **1986** - Teacher of mathematics of school № 4, Balkhash, school № 92, Karaganda

EDUCATION AND PROFESSIONAL TRAINING

Education

- 1978 - 1983 years Karagandy State University, Faculty of Mathematics

**Professional trainings,
Scientific trips**

- June-July 2016 year - internship International Center for Advanced Studies IW
e.V., Dusseldorf , Germany
- October-November 2016 year internship Novosibirsk State University,
Novosibirsk, Russia

**SKILLS DEVELOPMENT
INFORMATION**

– December 2014 year under the program "Orleu"
Kazakhstan, Almaty
- September 2019 year Karaganda State
Technical University, Karaganda, Kazakhstan

PERSONNEL QUALITIES

Native language Kazakh

LANGUAGE	UNDERSTANDING		SPEAKING	WRITING
	Hearing	Reading	Oral speech	
Russian	C2	C2	C2	C2
LANGUAGE CERTIFICATE: non				
French	basic	basic	basic	basic
LANGUAGE CERTIFICATE:				

Digital skills

Advanced user microsoft office (word, excel, power point), statistica 6.0; graphic editors (coreldraw, adobe photoshop, adobe illustrator, adobe photoshop lightroom), video editing programs (adobe premier pro, final cut pro x, movavi). Knowledge of operating systems: windows and ios.

Other skills (hobbies)

ADDITIONAL INFORMATION

Main publications

1. Efficiency of applying cluster-associated model of viscosity of liquid metals// Bulletin of the university of Karaganda - Chemistry. - 2017. - №4(88). P. 58-65
2. Minimization of product defects by the means of implementing correct test pyramid in the software development process// Bulletin of the university of Karaganda - Mathematics. - 2017. - №4(88). P. 8-15
3. Investigation of a Crushing and Grinding Unit of an Electropulse Installation. - Archives of Foundry Engineering. - V.18. - № 1/2018. P. 61-64
4. Relationship of associated clusters degree with metal ionization according to the cluster-associate model // Bulletin of the university of Karaganda - Chemistry. - 2020. - №1(97). P. 90-97
5. Spreading of flame front i by the predictor-corrector scheme // Вестник ПГУ. Энергетическая серия. - 2020. -№4. С.47-53
6. Монограф "Кластерно-ассоциатная модель температурной зависимости вязкости жидких металлов на основе концепции хаотизированных частиц" (2014 year)
7. Tutorial "Методы оптимизации" (2014 year)
8. Tutorial "Задачи и упражнения по дисциплине «Математика» для нематематических специальностей" (2014 year)
9. Tutorial "Жоғары математика есептері мен жаттығулар жинағы" (2016 year)
10. Tutorial "Тиймдеу әдістері" (2017 year)

Индекс Хирша по базе Scopus – 1.

Индекс Хирша по базе Clarivate Analytics – 1.

Индекс Хирша по базе РИНЦ – 3.

Индекс Хирша по базе Google Scholar –.

Participation in the implementation of scientific projects

1. Development of information-computer technologies for expert assessment of technological state of the art of production schemes for processing of mining and smelting raw materials
2. Development of and improvement of processes of copper charge pelletization by replacing rolling with briquetting
3. Development of a consistent theory of viscosity, fluidity and density of substances as a measure of their halogenation
4. Computer adaptation of probabilistic model of materials grinding by concentration factor in relation to ball mill operation according to the project of PTF

Membership in professional scientific organizations

Awards and titles

1. Winner of the title "Best University Lecturer 2015"
2. Award holder named in honor of Doctor of Physics and Mathematical sciences, Professor T.G.Mustafin (2016 year)
3. Certificate of honor Ministry of Education and Science of the Republic of Kazakhstan (2019 year)
4. Badge "For merits in the development of science of the Republic of Kazakhstan" (2019 year)

Courses

1. Математика в экономике
2. Математика
3. Высшая математика
4. Математика. Ч. I
5. Математика. Ч. II
6. Практикум по решению нестандартных задач
7. Практикум по решению математических задач
8. Элементарная математика
9. Дополнительные главы элементарной математики
10. Тригонометрия и геометрия

Professional and scientific interests

- mathematical modeling
- innovative technologies

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID:

ORCID ID: <https://orcid.org/0000-0003-4053-1546>

Идентификатор РИНЦ: 4688-7103

Author ID Scopus: