| | |
|---|---|
| **PERSONAL INFORMATION** | **Satybaldin Amangeldy Zharilgasinovich** |
|  | Republic of Kazakhstan, Karaganda city, ul. University street, 28, This is an academic named after KarU.A. Buketova<br>+77212 () +<br>Satybaldin.1975@mail.ru<br>What's App: + \| Date of birth: 07/01/1975…. |
| **PLACE OF WORK, POSITION** | KarU named after Academician E. A. Buketov, Associate Professor of the Department of Engineering Thermophysics named after prof. Zh. S. Akylbayev |
| **SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)** | k.h.n. |
| **WORK EXPERIENCE** | |
| **Place and date** | 1996-2004 Engineer of the Department of Thermophysics of the KarU named after Academician E. A. Buketov<br>2004-2007 Postgraduate student of the Department of Thermophysics at the Buketov KarU<br>- 2007-2010 teacher of the Department of Engineering Thermophysics named after prof. Zh. S. Akylbayev<br>2010-221 Associate Professor of the Department of Engineering Thermophysics named after prof. Zh. S. Akylbayev |
| **EDUCATION AND PROFESSIONAL TRAINING** | |
| **Education** | - Higher education 1992-1996 student of the Faculty of Physics of KarGU. Academician E. A. Buketov |

– 2004-2007 Postgraduate student of the Department of Thermophysics at the Buketov KarGU
–
–

**Professional trainings, Scientific trips**

– 2015-2016 Caspian State University of Technology and Engineering named after Sh. Esenov – KSUTI) – Aktau
– 2015-2016 National Research Tomsk Polytechnic University

**SKILLS DEVELOPMENT INFORMATION**

**PERSONNEL QUALITIES**

- "Nonlinear phenomena, heat and mass transfer" No. 390009 of 15.12.2009 (KarSU named after E. A. Buketov);
- "Pulsed technologies for obtaining nanomaterials" No. 497010 dated 26.06.2010 (KarSU named after E. A. Buketov);
- "Development and use of multimedia and interactive tools in the educational process and teaching methods in the conditions of credit and distance technologies" No. 079011 of 29.06.2011. (KarSU named after E. A. Buketov);
- "Pulsed technologies and production of nanostructured materials with specified properties. Theory and modeling of nanostructures " No. 212011 of 16.05.2011
- «Energy for our future: Green energy». 23.11.2014-20.12.2014 Lecturer: Mitko Stoev (Bulgaria), (E. A. Buketov KarSU);
- "Modeling of educational programs at the university" 25.11.2016-09.12.2016 (KarGU named after E. A. Buketov);
- "Energy-efficient and resource-saving technologies in industry in the specialties 5B071700-Heat power engineering, 5B073100-Human life safety, Environmental protection and 5B072300-Technical physics" 03.09.2018-27.09.2018 Lecturer: Mitko Stoev (Bulgaria), (E. A. Buketov KarGU).

**Native language** **Kazakh**

| **LANGUAGE** | **UNDERSTANDING** | | **SPEAKING** | | **WRITING** |
|---|---|---|---|---|---|
| | **Hearing** | **Reading** | **Oral speech** | | |
| **Kazakh** | | | | | |
| **English** | B1 | B1 | B1 | B1 | B1 |

| | |
|---|---|
| **Digital skills** | User: microsoft office (word, excel, power point), graphic editors (coreldraw, adobe photoshop, adobe illustrator, adobe, Photoshop lightroom). |
| **Other skills (hobbies)** | Sports – Volleyball, basketball, swimming. |

## ADDITIONAL INFORMATION

**Main publications**


1. A. Zh. Satybaldin, D. Zh. Karabekova, A. K. Khasenov, Z. K. Aitpaeva, O. B. Seldygaev Quantum - chemical calculation of destruction and hydrogenation of petroleum asphaltene under the influence of short pulse discharges Eurasian journal of physics and technology.-2019 Vol.16, No. 2(32). – Pp. 101-104.

2. A. Zh. Satybaldin, M. I. Baykenov, Z. K. Aitpaeva, A. B Karimova, N. Zh. Rakhimzhanova. Investigation of the influence of electro hydro-impulse technology on the physical and chemical characteristics of oil sludges. Karaganda University Vestn. Chemistry Series. - 2017. - No. 3. - Pp. 131-136. Thomson Reuters /Web of Science. Impact Factor-0

3 K. K. Kussaiynov, A. Zh Satybaldin, K. K. Sadenova, M. N. Sagimbekova Electro hydro-impulse technology for processing oil sludge and oil-containing technogenic raw materials // Eurasian journal of physics and technology, 2015, V. 11, no. 1 (23), Pp. 65-69

.K. Kusayynov, A. Zh. Satybaldin, K. K. Sadenova, M. N. Sagimbekova Electro hydro-impulse technology for processing oil sludge and oil-containing technogenic raw materials // Eurasian journal of physics and technology. – 2015. - №1(23). – P. 65-70.

4.K. K. Kusaiynov, A. Zh. Satybaldin, K. K. Sadenova, M. N. Sagimbekova, D. A. Kazhygali Using electro hydro-impulse technology to improve the physical and chemical characteristics of Atasu-Alashankou oil sludge // Bulletin of Karaganda University. - Physics series. – 2016. - № 1 (81). – Pp. 46-51.

5.K. Kusaiynov, M. I. Baykenov, A. Zh. Satybaldin, N. K. Tanasheva, K. K. Sadenova, G. A. Bulkairova, M. M. Turgunov, D. A. Ospanova Installation for processing oil sludge and oil-containing technogenic raw materials // Utility model patent No. 1933. dated 30.12.2016 Byul. 18. 3 p.

6. A. Zh. Satybaldin, Z. K. Aitpayeva, A. B. Karimova, N. Zh. Rakhimzhanova, G.

A. Ranova, A. Sh. Shazhaliev. Investigation of the impact of electrohydraulic discharge on the hydrocarbon composition and efficiency of demetallization of high-viscosity heavy oil // Chaos and structures in nonlinear systems. Theory and experiment: Proceedings of the 10th international scientific conference. - Almaty, 2017. - P. 244-248.

7. M. I. Baykeniv, A. Zh. Satybaldin, Z. K. Aitpaeva, N. Zh. Rakhimzhanova determination of optimal electrophysical parameters of the degradation process of Zhanaozensk oil sludge using the electrohydraulic effect // theoretical and experimental chemistry: abstracts of the VI International scientific conference dedicated to EXPO-2017. – Karaganda, 2017. – Pp. 113-115.

*The information about existing patents and other security documents:*

1. Patent of the Republic of Kazakhstan for utility model JY2 1933 / Installation for processing oil sludge and oil-containing technogenic raw materials / K. K. Kussainov, M. I. Baykenov, A. Zh. Satybaldin, N. K. Tanasheva Published in 30.12.2016. Bulletin. no. 18.

| | |
|---|---|
| **Participation in the implementation of scientific projects** | Head of the project "Electrohydroimpulse technology for processing oil sludge and oil-containing technogenic raw materials" (state registration No. 0115RK00430) under the scientific and technical program: International Scientific and technical programs and projects for 2015-2017, Committee of Science of the Ministry of Education and Science of the Republic of Kazakhstan, the project is completed. |
| **Membership in professional scientific organizations** | |

**Awards and titles**

- Certificate of Honor of the Minister of Education and Science (2015).
- Certificate of Honor of the Minister of Education and Science (2017).

| | |
|---|---|
| **Courses** | 1. Theory of automatic control<br>2. Workplace planning and organization<br>3. Energy saving in heat and power engineering and heat technology<br>4. Safety of the electrical part of the teploeletric central and automation system. |
| **Professional and scientific interests** | - physics, physical chemistry<br>- processing of hydrocarbon raw materials by wave methods |
| **SCIENTIFIC DATABASES IDENTIFIERS** | |

**Researcher ID:** U-6688-2018
**ORCID ID:** 0000-0002-0846-4665
**Идентификатор РИНЦ:** 3944-4004
**Author ID Scopus:** 57219167142