

PERSONAL INFORMATION

BALTABEKOV ASKHAT SEKERBAEVICH



📍 Republic of Kazakhstan, Karaganda city, University, 28 str., KarU named after academician. E. A.

📄 Buketov

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🌐 <https://publons.com/researcher/2526316/askhat-baltabekov/>



| Date of birth: 28/07/1980

PLACE OF WORK, POSITION

KarU named after Academician E.A. Buketov, Faculty of Physics and Technology, Deputy Dean for Scientific Work, associate professor of the Department of physics and nanotechnology

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Candidate of Physical and Mathematical Sciences, PhD

WORK EXPERIENCE

Place and date

- 2002-2011 - Engineer of the Departments of General and Theoretical Physics, Solid State Physics, Condensed Matter Spectroscopy

From 2011 to 2015-Senior lecturer of the Department of General and Theoretical Physics,

2014-2019 - Head of the Center for Technology Commercialization at the E. A. Buketov KarSU

- Since September 2019 to the present, Associate Professor of the Department of Physics and Nanotechnology

- Since September 2020, Deputy Dean of the Faculty of Physics and Technology for Scientific Work

- member of the scientific and technical council KarU named after Academician E. A. Buketov,

- Member of the Council of the Faculty of Physics and Technol

EDUCATION AND PROFESSIONAL TRAINING

Education

2002-2004-Karaganda State University named after Academician E. A. Buketov, Master's degree in Physics, qualification Master of Physics

2005-2007-Karaganda State University named after Academician E. A. Buketov, postgraduate course in the specialty 010407-Condensed matter Physics

2008-2011-Karaganda State University named after Academician E. A. Buketov, PhD doctoral degree in the specialty 6D060400-Physics

Professional trainings, Scientific trips

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SKILLS DEVELOPMENT INFORMATION

- 2013, JSC BKI "Orleu", Almaty-certificate of completion of the advanced training course
- On May 29-30, 2019, he participated and was certified in the scientific and methodological seminar "International Programs and Projects", conducted by Professor Nicolae Stancu (Romania) at KarSU .
- From 09.09.19 to 14.09.19 participated in the course (36 hours) on the topic "Preparation of the university for training with the use of distance educational technologies" (certificate No. 462019 of 14.09.19).
-23.09.19-17.10.19 participated in the program of professional and pedagogical qualification improvement at KarSU,organized by PhD, Professor of the Southwestern University of Bulgaria Mitko D. Stoeva "Actual problems of modern physics and ways to solve them" (75 hours) and received a certificate.

PERSONNEL QUALITIES

Native language Russian

LANGUAGE	UNDERSTANDING		SPEAKING	WRITING
	Hearing	Reading	Oral speech	
Kazakh	excellent	excellent	excellent	excellent
LANGUAGE CERTIFICATE:				
English	A1	B2	A1	A1
LANGUAGE CERTIFICATE: NO				

Digital skills Advanced user: MICROSOFT OFFICE (WORD, EXCEL, POWER POINT); Image 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.

Other skills (hobbies) reading, sports, fishing

ADDITIONAL INFORMATION

1. Koketai, T ; Tussupbekova, A ; Baltabekov, A ; Mussenova, E. **Luminescence of potassium sulphate crystals doped by Eu³⁺ ions// XII International conference radiation-thermal effects and processes in inorganic materials**

Book Series: IOP Conference Series-Materials Science and Engineering.

Volume: 168

Article Number: 012083

DOI: 10.1088/1757-899X/168/1/012083

Published: 2017

Document Type: Proceedings Paper

2. Plotnikova, I.V., Redko, L.A., Baus, S.S., ...Kassymov, S.S., Baltabekov, A.S. Calculation of structural parameters and design of a protective shield for an X-ray system. Eurasian Physical Technical Journal, 2020, 17(1), pp. 138–144. https://up.ksu.kz/phtj/2020_17_1_33/21.pdf (процентиль - 16)

3. Yurov, V.M., Baltabekov, A.S., Laurinas, V.C., Guchenko, S.A. Dimensional effects and surface energy of ferroelectric crystals. Eurasian Physical Technical Journal, 2019, 16(1), pp. 18–23. https://phtj.ksu.kz/files_phtj/2019.07/3.pdf (процентиль - 16)

Main publications

4. Koketai, T., Tussupbekova, A., Baltabekov, A., Mussenova, E., Luminescence of potassium sulphate crystals activated by Sn²⁺ ions// Journal of Physics: Conference Series. – Tomsk. -2017. –Volume 830, Issue 1. 012150

[https://www.scopus.com/record/display.uri?eid=2-s2.0-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85020002680&origin=resultslist&sort=plf-)

[85020002680&origin=resultslist&sort=plf-](https://www.scopus.com/record/display.uri?eid=2-s2.0-85020002680&origin=resultslist&sort=plf-)

[f&src=s&st1=Baltabekov&st2=&sid=78c0d27e827ff89b06bbfe3120e153dd&sot=b&sdt=b&sl=23&s=AUTHOR-NAME%28Baltabekov%29&relpos=1&citeCnt=0&searchTerm=](https://www.scopus.com/record/display.uri?eid=2-s2.0-85020002680&origin=resultslist&sort=plf-f&src=s&st1=Baltabekov&st2=&sid=78c0d27e827ff89b06bbfe3120e153dd&sot=b&sdt=b&sl=23&s=AUTHOR-NAME%28Baltabekov%29&relpos=1&citeCnt=0&searchTerm=)

5. Koketai T., Tussupbekova A., Mussenova E., Baltabekov A., Mussabekova A.K. Radiation impurity defects in the activated potassium// sulphate crystals / Functional materials and nanotechnologies: Book of abstracts of 12th International FMNT. – Riga, 2018. – P.164.

https://luconf.lu.lv/event/4/attachments/3/129/FMNT_2018_BOOK_OF_ABSTRACTS.pdf

The number of published scientific and educational works-more than 50, of which:

– in journals based on Scopus-5;

- in journals based on Clarivate Analytics - 10;

- in publications recommended by COXON MES RK-15;

- monographs (co-authored) - 1;

- tutorials (co-authored) - 1. The

Hirsch Index based on Scopus-1.

The Hirsch Index Clarivate Analytics-1.

The Hirsch index based on Google Scholar – 2.

Participation in the implementation of scientific projects

- Development and implementation of nanotechnology for the production of high-entropy alloys and coatings based on them, Implementation period-2018-2020.

- Creation of a pilot production and research center for vacuum ion-beam processing of parts of mechanisms and machines. Implementation period-2018-2020.

Membership in professional scientific organizations

Awards and titles

- Courses**
1. General Physics Course
 2. Theoretical mechanics
 3. Static physics and thermodynamics
 4. Applied physics
 5. Medical physics

- Professional and scientific interests**
- Condensed matter physics
 - Radiation physics of dielectric materials.
 - Luminescence of dielectric materials.

SCIENTIFIC DATABASES IDENTIFIERS

Researcher ID: G-1823-2014

ORCID ID: <https://orcid.org/0000-0001-8829-2527>

Author ID Scopus: 35193461600

Google Scholar: Askhat Baltabekov

Publons: <https://publons.com/researcher/2526316/askhat-baltabekov/>

Researchgate: <https://www.researchgate.net/profile/Ashat-Baltabekov>