


## KARELKHAN NURSAULE

 <p><b>Karelkhan Nursaula</b></p> <p>PhD, associate Professor of Computer science Department</p> <p><b>Contact information:</b> e mail: <a href="mailto:knursaule@mail.ru">knursaule@mail.ru</a> Tel.: 8-(7172)-709-500 (34-405)</p>	<p>1997-2001 Karaganda State University, Karaganda Faculty: Physics and Mathematics Specialty: Applied Mathematics Qualification: Mathematician, Software Engineer</p> <p>2001-2003 Eurasian National University L.N.Gumilyova, Astana Faculty: Physics and Mathematics Specialty: Information Systems Academic degree: Master of Information Systems</p> <p>2017-2019 Eurasian National University L.N.Gumilyova, Nur-Sultan Faculty: Information Technology Specialty: 6D011100-Computer Science (PhD)</p> <p>Theme of the doctoral dissertation: "Scientific and practical foundations for setting up and implementing a parallel computing cluster in the educational process"</p>
<p><b>Professional experience:</b></p> <p>2008- this time L. N. Gumilyov Eurasian national university, Department of computer science. Master of math, associate professor 2004-2008 yy. Semey State pedagogical university, Teacher of computer science 2003 -2004 yy. – Assistant of the Department of Information Science and Technology M.O. Auezov Semey university</p> <p><b>Certificates</b></p> <ul style="list-style-type: none"> <li>- Certificate of participation. Setting up parallel computing cluster. Economics University in Bratislava, Slovak Republic, 2018 (90 days)</li> <li>- Certificate. Enhancing Learning and Teaching in Higher Education, 72 hours, Newcastle University, United Kingdom, 2012</li> <li>- Certificate of participation. Workshop on High Performance Computing. Centre for development of advanced computing. Government of India and L.N. Gumilyov Eurasian National University, Astana. June 5- June 9, 2017</li> <li>- Certificate «iPhone Game Programming», 75 hours, L.N. Gumilyov Eurasian National University, Astana, Kazakhstan, 2014</li> <li>- Certificate «Digital Signal Processing, Data Analysis Algorithms, and Tikhonov Regularization Methods in Gravitational Wave Detection», 60 hours, L.N. Gumilyov Eurasian National University, Astana, Kazakhstan, 2014</li> <li>Certificate «Introduction to Network Management and frame aggregation schemes on IEEE802.11 Wireless Network», 45 hours, L.N. Gumilyov Eurasian National University, Astana, Kazakhstan, 2014</li> </ul>	<p><b>Research interests:</b> High Performance Parallel, Cloud Technologies, Client-Server Technologies</p> <p><b>Research Grants:</b> Research project Researcher: Modelling and development of information and didactic education system in conditions of globalization, Astana 2014 state registration number 0112RK02252</p> <p><b>Courses taught:</b> Basics of parallel computing Basics of Cloud computing, Client-server technologies in education, Algorithmization and programming technology, Object oriented programming, Parallel computing cluster Autor’s courses: Basics of parallel computing, Cluster of parallel computing</p>

**Publications (favorites):****Публикаций (избранное):**

- The Use of The High-Performance Computing in The Learning Process International Journal of Emerging Technologies in Learning (iJET), iJET – Vol. 16, No. 17, 2021, -P.240-254
- Setting up and implementation of the parallel computing cluster for education International Journal of Emerging Technologies in Learning. -2019. -Vol. 14. – Iss. 6. -P.4-17, ISSN 1863-0383Scopus, Impact factor 0.97 Web of Sciences Core Collection
- Parallel computing of the shortest path “Trends and innovations in e-business, education and security“. Proceedings. -2018.-P 26-32. University of economics in Bratislava. ISBN 978-80-225-4500- 6
- RadStudio ортасында программалау мен параллель есептеулер. Алматы: ССК.- 2017. - 168 бет ISBN 978-601-310-917-6
- Білім беруге арналған кроссплатформалы қосымшалар құруда параллель есептеулер қолдану. Абай атындағы Қазақ ұлттық педагогикалық университеті Хабаршысы. “Физика-математика ғылымдары” сериясы. -2018. -№ 3 (63). -Б. 435- 441. ISSN 1728-7901
- Параллель есептеулер кластері бойынша цифрлық білім ресурстарының оқу процесінде қолданылуы Е.А. Букетов атындағы Қарағанды мемлекеттік университетінің Хабаршысы. Педагогика сериясы.- 2018. -№4(92).-Б. 64-70. ISSN 2518- 7937
- Настройка образовательного кластера в Matlab Ученые записки Института социальных и гуманитарных знаний, Выпуск№ 1 (17), Материалы XI Международной научнопрактической конференции «Электронная Казань 2019» (Информационные технологии в современном мире). -2019. -С.457-462. ISSN 2078-6980.