

 <p><b>Serik Meruyert</b>  Position: Professor of the Department of Informatics, doctor of pedagogical sciences  <b>Contact</b>  serik_meruerts@mail.ru  8(7172)709500 (34-410)  Phone: 87078432750</p> <p style="text-align: right;"><b>details:</b></p>	<p><b>Academic degree and title:</b> Doctor of Pedagogical Sciences, Professor of the Department of Informatics of the L.N. L.N. Gumilyov.  <b>Scientific school:</b> E.A.Buketov KarSU</p> <p><b>Scientific interests:</b> high-performance parallel computing, cloud computing, client-server technologies, informatization of education, machine learning.</p> <p><b>Scientific grants:</b>  Scientific supervisor of the fundamental research project "Modeling and development of an information and didactic system in the context of the globalization of education".  Leading Researcher of the Fundamental Research Project "Mathematical Models and Algorithms for Spectral Analysis of Signals and Images Based on Orthogonal and Wavelet Transforms".  Leading Researcher of the Scientific Project "Investigation of integrable generalizations of the Landau-Lifshitz equation".  Leading Researcher of the Applied Project under the budget program "Implementation of an e-learning system in organizations of secondary and technical vocational education"; ENU named after L.N. Gumilyov7  Chief coordinator of the innovative technology of teaching the Kazakh language "TilOzat" (<a href="http://www.tilozat.kz">www.tilozat.kz</a>).</p>
<p><b>Professional experience:</b>  <b>Total experience - 39 years, work experience – 5</b>  2022 - Professor of the Department of Informatics.  2019 Head of the Department of Informatics.  2011-2019 Professor of the Department of Informatics, ENU named after L.N. Gumilyov.  2006-2011 Head of the Department of Informatics of the ENU named after L.N. Gumilyov.  2004-2006 Professor, Head of the Department of Information Technologies of E.A.Buketov KarSU.  1989-2004. Lecturer, associate professor of KarPI, then with the association of universities - associate professor of the KarSU named after E.A. Buketov.  1983-1989 Mathematician of the Computing Laboratory of the Oblstroybank of Karaganda</p>	<p><b>Courses taught:</b></p> <ul style="list-style-type: none"> <li>- Machine learning (B)</li> <li>- Cloud Computing (M)</li> <li>- Cluster of parallel computing (M)</li> <li>- Big data management (M)</li> <li>- Setting up a cluster of parallel computing (D)</li> <li>- Implementation of client-server technology (D)</li> <li>- Scientific and pedagogical foundations of information and professional training of students (D)</li> <li>- Cloud computing and virtualization technologies (D)</li> </ul>
<p><b>Awards (membership in academies, trade unions, etc.):</b>  Winner of state educational grants "The best teacher of the university" for 2008 and 2014.  Letters of thanks from the Ministry of Education and Science of the Republic of Kazakhstan and the Rector of the Eurasian National University named after L.N. Gumilyov.</p>	<p><b>Publications:</b></p> <ul style="list-style-type: none"> <li>- Бұлтық есептеулер. Бұлтық қойма құру. Оқу құралы. – Астана: Л.Н.Гумилев ат.ЕҰУ, 2019. – 192б.</li> <li>- Техникалық және кәсіптік білім беру жүйесінде бұлтық шешімдер бойынша оқыту мүмкіншіліктері. Абай атындағы ҚазҰПУ Хабаршысы. Физика-математика ғылымдары сериясы. - 2019. - №3(67). – Б.254-260. ISSN 1728-7901.</li> <li>- Setting Up and Implementation of the Parallel Computing Cluster in Higher Education. International Journal of Emerging Technologies in Learning. Vol.14.No.6, 2019. P.4-18. doi.org/10.3991/ijet.v14i06.9736 ISSN 1863-0383.</li> <li>- Improving the Content of a Client-server Technology Training Course: Set up and Collaborative Implementation of Local and Cloud-based Remote Servers. International Journal: Emerging Technologies in Learning. Vol. 14. No 21, 2019. P. 191-204. ISSN 1863-0383. DOI: 10.3991/ijet.v14i21.10643</li> <li>- Improvement of students' training in parallel and cloud computing. Journal Espacios. ISSN 0798 1015. 03.09.2017. Vol. 38(No60). Page 3. (из базы Scopus).</li> <li>- Setting up Educational Cluster in MatLab. PAE. Журнал «Ученые записки института социальных и гуманитарных знаний». 2019. №1(17). –С.458-461.</li> <li>- Organization a client-server technology in MS SQL Server 2017. Seventh International Scientific Videoconference of Scientists and PhD students or candidates “Trends and Innovations E- business, Education and Security. – Bratislava, 2018. -P.48-54.</li> </ul>

	<ul style="list-style-type: none"> <li>- Possibilities of using Microsoft Azure in the content of higher education. SCHOLA 2018, 14th International Conference on Engineering Pedagogy. - Baden, Austria, 2018. Proceedings published in Open Online Journal for Research and Education R&amp;E-SOURCE, Issue 13, ISSN 2313-1640.</li> <li>- The Use of The High-Performance Computing in The Learning Process // International Journal of Emerging Technologies in Learning. Volume 16, Issue 17, 2021, Pages 240-254.</li> <li>- Improving the content of technical and professional education through the inclusion of cloud solutions // Global Journal of Engineering Education, 2021, 23(3), P. 259–264.</li> <li>- High performance computers: From parallel computing to quantum computers and biocomputers //World Transactions on Engineering and Technology Education, 2021, 19(4), P. 417–422. ISSN 2306-5079.</li> <li>- Introducing robotics with computer neural network technologies to increase the interest and inventiveness of students // World Transactions on Engineering and Technology Education, 2022, 19(4), P.33-39.</li> <li>- Жоғары өнімді есептеулерді жүзеге асырудың оқу-әдістемелік негіздері // Торайғыров университетінің Хабаршысы. Педагогикалық сериясы. – 2021. - №3. – Б.106-118.</li> <li>- Big data technology in education // Вестник КарГУ им.Е.А.Букетова. Серия «Педагогика». – 2020. - №4(100). – Б.8-15. ISSN:2518-7937.</li> </ul>
<p><b>Aspirant Research Guide::</b>          Successfully defended 9 dissertations for the degree of Doctor and Candidate of Pedagogical Sciences in the specialty 13.00.08-Theory and Methods of Vocational Education, 3 Doctors of Philosophy (PhD) and more than 50 master's theses in Computer Science. Currently he is the supervisor of 7 doctoral students (PhD). Hirsch index - 3.</p>	<p><b>Organizational activities:</b>          Expert of the Center "Textbook" of the Ministry of Education and Science of the Republic of Kazakhstan.          Chairman of the SEC OP "Informatics", "Physics and Informatics", "Mathematics and Informatics" KarSU named after E.A. Buketov.          Member of the Council of the Faculty of Information Technologies of LN Gumilyov Eurasian National University.          Chairman of the Dissertation Council in the specialty 6D011100-Informatics, ENU named after L.N. Gumilyov.          She gave lectures at the Faculty of Applied Informatics of the University of Economics in Bratislava, at the Institute of Informatics and Engineering of the Xinjiang University of China, as well as in universities of the Republic of Kazakhstan and the Russian Federation.          Scientific consultant for undergraduates and doctoral students at Al-Farabi KazNU and the State Pedagogical Institute named after Ajiniyaz, Nukus, Republic of Uzbekistan.</p>