# Information

about the applicant for the title of Professor
Specialty 10100 – Mathematics (01.01.00 – Mathematics)

| 1 | Full name | Ardak Kashkynbayev |
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| 2 | Scientific (academic) degree, date of award | PhD, 22.04.2016 |
| 3 | Academic title, date of award | – |
| 4 | Honorary title, date of award | – |
| 5 | Position (appointed to the position) | Associate Professor (by order № 56 annex №3 of 29.05.2017), 14.08.2023. |
| 6 | Seniority of scientific, scientific, and pedagogical activity | In total, more than 15 years, including 6 years as a research assistant, 1 year as a postdoc, 6 years as an assistant professor and 2 years as an associate professor. |
| 7 | Number of scientific articles after defending a dissertation (associate professor) | After defending the dissertation, published 70 scientific works, including:<br>0 – in recommended journals by Ministry;<br>64 – in international peer-reviewed scientific journals included in the Web of Science Core Collection database;<br>64 – in Scopus;<br>2 – scholarly works |
| 8 | The number of monographs, textbooks, single-written educational (training) manuals published over the past 5 years | 2 book chapter |
| 9 | Persons defending a PhD thesis under his leadership and having a degree | – |
| 10 | The laureates, prize-winners of national, international and foreign competitions, exhibitions, festivals, awards, and olympiads prepared under his leadership. | – |
| 11 | The champions or prize-winners of the World Universiades, the championships of Asia and the Asian Games, the champion or prize-winner of Europe, trained under his leadership, | – |
| 12 | Additional Information | H-index – 11 (Scopus).<br><br>1. **Awards**:<br>**2005–2010**: Scholarship of the Prime Minister of Turkey.<br>**2008–2012**: Nippon Foundation Scholarship.<br>**2011–2015**: Graduate Scholarship from the |

Scientific and Technological Research Council of Turkey (TUBITAK).

**2019:** Research Fellowship from the Asian Universities Alliance.

2. **Professional Activities:**

**Since 2019:** Member of the Kazakh Mathematical Society, Society for Industrial and Applied Mathematics (SIAM), and the Society for Mathematical Biology.

**Since 2018:** Member of the Curriculum Committee for Master's programs.

**2017–2018, since 2020:** Member of the Curriculum Committee for Undergraduate programs.

**2020:** Member of the Organizing Committee of the 6th Central Asian Dynamics Days, June 2–5, Astana, Kazakhstan.

**2019:** Chair of the Examination Committee, Department of Mechanics and Mathematics, L.N. Gumilyov Eurasian National University.

**2018:** Member of the International Scientific Committee of the 5th International Eurasian Multidisciplinary Congress, July 24–26, Barcelona, Spain.

**2015–2016:** Seminar organizer for the Complex Dynamical Systems seminar group, METU, Ankara, Turkey.

**2012:** Member of the Organizing Committee of the 1st National Seminar on Complex Dynamical Systems and Their Applications, TOBB ETU, Ankara, Turkey.

**2024:** Session organizer at the 14th AIMS Conference 2024, Abu Dhabi, UAE.

**2025:** Member of the organizing committee of the ISAAC 2025 international scientific congress, Nazarbayev University, Astana, Kazakhstan.

3. **Principal Investigator (PI):**
   - Exploring the Potential of Neural Network Synchronization in Encryption for Kazakhstan's Development. Faculty Development Competitive Research Grants Program FDCRGP, 2025-2027. PI.
   - Synchronization analysis of shunting inhibitory cellular neural networks. Nazarbayev University Collaborative Grant No 11022021CRP1509, 2022 – 2024. PI.

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| | | • Synchronization and anti-synchronization analysis of discrete-time neural networks with delays. The Ministry of Science and Education of Kazakhstan Grant No AP13068282, 2022 – 2024. PI. |

**Dean of the School of Sciences and Humanities, Nazarbayev University**                    **Gonzalo Hap Hortelano**