

### Информация о претендентах в члены диссертационного совета

Информация о членах диссертационного совета (постоянный и временный состав) по защите диссертации на соискание степени доктор философии (PhD) – по специальности 8D07202 – «Металлургия» Утегеновой Меруерт Еркиновны при Казахском национальном исследовательском техническом университете имени К.И. Сатпаева.

Тема: «Переработка металлургических шлаков свинцового и медного производств в условиях перехода к устойчивому развитию металлургической отрасли»

| № п/п                                     | (Ф.И.О. (при его наличии))<br>(на государственном или русском и английском языках) | Степень, ученое звание | Основное место работы                                       | Гражданство | Индекс Хирша по данным информационной базы Web of Science (Вэб оф Сайнс) или Scopus (Скопус) | Публикации в международных рецензируемых научных журналах, входящих в первые три квартиля по данным Journal Citation Reports (Журнал Цитэйшэн Репортс) или имеющих в базе данных Scopus (Скопус) показатель процентиль по CiteScore (СайтСкор) не менее 35-ти                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Публикации в журналах из Перечня изданий                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
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| Постоянный состав Диссертационного совета |                                                                                    |                        |                                                             |             |                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| 1                                         | Кенжалиев Бакдаулет Кенжалиевич<br><i>Председатель диссертационного совета</i>     | Д.т.н., профессор      | Генеральный директор АО «Институт металлургии и обогащения» | РК          | Индекс Хирша по данным информационной базы Scopus = 11                                       | <p>1. Kenzhaliyev B.K., Surkova T.Y., Abdikerim B.E., Abikak Y.B., Yessimova D.M. Research on sorption properties of phosphoric production slag-waste. Metalurgija. – 2022. – V.61. – P. 209–212.</p> <p>2. Kenzhaliyev B.K., Surkova T.Y., Azlan, M.N., Sukurov, B.M., Yessimova, D.M. Black shale ore of Big Karatau is a raw material source of rare earth elements // Hydrometallurgy. – 2021. – V. 205. – P. 105733.</p> <p>3. Shaari H.R., Azlan M.N., Azlina Y., Boukhris I., Al-Hada N.M. Investigation of Structural and Optical Properties of Graphene Oxide-Coated Neodymium Nanoparticles Doped Zinc-Tellurite Glass for Glass Fiber // Journal of Inorganic and Organometallic Polymers and Materials. – 2021. – V. 31. – P. 4349–4359.</p> <p>4. Dzhenalyev T., Biryukova A., Kenzhaliyev B., Uskenbaeva A., Ruzakunova G. Mullite-Silicate Proppants Based on High-Iron Bauxite and Waste from Metallurgical Industry in Kazakhstan // Ceramics. – 2024. – V. 7. – P. 1488-1499.</p> <p>5. Kenzhaliyev B., Biryukova A., Dzhenalyev T., Panichkin A., Imbarova A., Uskenbaeva A.,</p> | <p>1. Panichkin A.V., Kenzhaliyev B.K., Kenzhegulov A.K., Imbarova A.T., Karboz Zh. A. The effect of the catalytic layer composition on the hydrogen permeability of asymmetric tantalum-based membranes // Complex Use of Mineral Resources. 2020. – V.4. – P. 82-95</p> <p>2. Kenzhaliyev B.K., Amangeldy B.S., Mukhanbet A., Azatbekuly N., Koizhanova A., Magomedov D.R. Development of Software for Hydrometallurgical Calculation of Metal Extraction // Complex Use of Mineral Resources. – 2025. – V.335. – P. 78-88.</p> <p>3. Hydrometallurgical studies on the leaching of copper from man-made mineral formations // Complex Use of Mineral Resources. – 2024. V. 330. – P.32-42.</p> |

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|---|-------------------------------------------------|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|   |                                                 |                                  |                                                                                                                                                            |    |                                                                   | Yusoff A.H. Assessment of Microsilica as a Raw Material for Obtaining Mullite-Silica Refractories//Processes. – 2024. – V.12. – P. 1-13.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                |
| 2 | Мамаева<br>Аксауле<br>Алиповна<br>уч. секретарь | к.ф.-м.н.<br>Ассоц.<br>профессор | Ведущий научный<br>сотрудник лабораторией<br>металловедения<br>АО «Институт<br>металлургии и<br>обогащения»                                                | РК | Индекс Хирша по<br>данным<br>информационной<br>базы<br>Scopus = 8 | 1. Kenzhegulov A., Mamaeva A., Panichkin A., Imbarova A., Kshibekova B., Aubakirova R., Satkanova N., Toiyinbaeva N. Study of titanium alloy Ti-Al-Zr-Nb-V during heating under deformation and its phase transformation features// Journal of Metals, Materials and Minerals. - 2024. - V. 34. - P. 1–6.<br>2. Panichkin A., Wieleba W., Kenzhegulov A., Uskenbayeva A., Mamaeva A., Imbarova A., Kvyatkovskii S., Kasanova B. Effect of thermal treatment of chromium iron melts on the structure and properties of castings// Materials Research Express. - 2023. - V. 10. - P. 1–19.<br>3. Panichkin A., Mamaeva A., Kenzhegulov A., Karboz Z. Hydrogen Dilatation of V-Based Composite Membranes // Archives of Metallurgy and Materials. – 2022. – V.67. – P. 767–772.<br>4. Mamaeva A.A., Kenzhegulov A.K., Panichkin A.V. A Study of the Influence of Thermal Treatment on Hydroxyapatite Coating // Protection of Metals and Physical Chemistry of Surfaces. – 2018. – V.54. – P.448–452. | 1. Chukmanova M.T., Panichkin A.V., Mamayeva A.A., Kenzhaliyev B.K., Azlan M.N. Ceramic molds based on yttrium oxide for the casting of titanium alloys// Комплексное Использование Минерального Сырья. - 2023. – V.1. - С.71- 82.                                                                                                                                                                             |
| 3 | Исмаилов<br>Марат<br>Базаралыулы                | д.т.н.,<br>профессор             | Директор департамента<br>космического<br>материаловедения и<br>приборостроения<br>АО «Национальный<br>центр кибернетики и<br>информационных<br>технологий» | РК | Индекс Хирша по<br>данным<br>информационной<br>базы<br>Scopus = 4 | 1. Meirbekov M.N., Ismailov M.B., Manko O.A. The effect of the modification of an epoxy resin by liquid oligomers on the physical-mechanical properties of composites // Voprosy Khimii i Khimicheskoi Tekhnologii. – 2020. – V.3. P.122–127.<br>2. Mustafa L.M., Ismailov M.B., Sanin A.F. Study on the effect of plasticizers and thermoplastics on the strength and toughness of epoxy resins // Naukovyi Visnyk Natsionalnoho Hirnychoho Universytetu. – 2020. – V.4. - P. 63–68.<br>3. Yermakhanova A.M., Ismailov M.B. Characterization of the epoxy resin and carbon fiber reinforced plastic stress-strain state by modified carbon nanotubes // Eurasian Chemical-Technological Journal. – 2018. – V.20. - P. 137–144.                                                                                                                                                                                                                                                                    | 1. Мейірбеков М.Н., Исмаилов М.Б. Влияние каучука на механические свойства эпоксидной смолы и углепластика // Комплексное Использование Минерального Сырья. - 2020. – V.1. - С.11-18.<br>2. Мустафа Л.М., Ермаханова А.М., Исмаилов М.Б. The effect of carbon fabrics modification on the strength of carbon fiber reinforced plastic // Комплексное использование минерального сырья. 2019. – V.2. - С.68-76. |

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| 4                                                                            | Тусупбаев<br>Несипбай<br>Куандыкович | д.т.н.,<br>Ассоциир<br>ованный<br>профессор | Заведующий<br>лабораторией<br>флотореагентов и<br>обогащения, Satbayev<br>University<br>«Институт металлургии<br>и обогащения» | РК           | Индекс Хирша по<br>данным<br>информационной<br>базы<br>Scopus = 7 | 1. Semushkina L.V., Tussupbayev N.K., Turysbekov D.K., Narbekova S.M., Mukhanova A.A. Recycling technology for gold-containing tailings with the use of a composite reagent microemulsion // Metalurgija.-2022.- V.61.- № 1.- P.277- 280.<br>2. Altaibayev B., Tussupbayev N., Kenzhetaev Zh., Baigenzhenov O., Khabiyev A., Tyulyubayev Z., Leksin A. Research on purification of tailings solutions from metal impurities at lead dust processing enterprises// Mining of Mineral Deposits. - 2024. - V. 18. - P. 126-134.<br>3. Kenzhaliyev B.K., Arkad'yevich K.S., Anatolyevich T.S., Abdulvaliyev R.A., Koizhanova A., Tussupbayev N.K., Gladyshev S.V., Kassymova G.K. Development and Implementation of Innovative Technologies That Ensure an Increase in The Extraction of Non-ferrous, Noble, Rare, Rare-Earth Metals// Tekhnomekanik. - 2022. - V. 5. - P. 1-12. | 1. Semushkina L.V., Tussupbayev N.K., Turysbekov D.K., Narbekova S.M., Kaldybayeva Zh.A. Flotation processing of copper-containing technogenic raw materials using a composite flotation reagent// Комплексное Использование Минерального Сырья. - 2023. - V. 324. - P. 34-42.<br>2. Kenzhaliyev B.K., Tussupbayev N.K., Semushkina L.V., Narbekova S.M. On the possibility for flotation processing of gold-containing raw materials using composite reagents // International Journal of Advanced Science and Technology.-2020.- V.29. - P.3003-3011. |
| Временный состав Диссертационного совета по теме диссертации Утегеновой М.Е. |                                      |                                             |                                                                                                                                |              |                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| 1                                                                            | Морозова<br>Юлия<br>Николаевна       | Доктор<br>PhD                               | Институт металлургии,<br>оборудования и<br>технологий с Центром<br>гидро- и аэродинамики<br>им. акад. А. Балеvского            | Болгари<br>я | Индекс Хирша по<br>данным<br>информационной<br>базы<br>Scopus = 8 | 1. Kotlarski G., Ormanova M., Nikitin A., Morozova I., Ossenbrink R., Michailov V., Doynov N., Valkov S. Structure Formation and Mechanical Properties of Wire Arc Additively Manufactured Al4043 (AlSi5) Components // Metals. - 2024. - V. 14. - P. 1-23.<br>2. Naumov A., Morozova I., Rylkov E., Obrosof A., Isupov F., Michailov V., Rudskoy A. Metallurgical and Mechanical Characterization of High-Speed Friction Stir Welded AA 6082-T6 Aluminum Alloy // Materials. - 2019. - V. 12. - P. 1-23.<br>3. Morozova I., Króllicka A., Obrosof A., Yang Yi., Doynov N., Weiß S., Michailov V. Precipitation phenomena in impulse friction stir welded 2024 aluminium alloy // Materials Science and Engineering: A. - 2022. - V. 825. - P. 1-25.                                                                                                                         | 1. Morozova J., Bonnel J-M., Rosert R., Ossenbrink R., Michailov I. Influence of the welding position during flux cored arc welding on impact toughness of stainless and low alloy steel weld metals// Conference: DVS Congress. - 2019.- P. 1-8.                                                                                                                                                                                                                                                                                                       |

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|   |                                 |               |                                                                                                                                                        |    |                                                                   | <p>4. Morozova I., Obrosof A., Naumov A., Królicka A., Golubev Iu., Bokov D., Doynov N., Weiß S., Michailov V. Impact of Impulses on Microstructural Evolution and Mechanical Performance of Al-Mg-Si Alloy Joined by Impulse Friction Stir Welding // Materials. - 2021. - V. 14. - P. 1-16.</p> <p>5. Saoudi A.I, Fellah M., Hezil N., Lerari D., Khamouli F., Atoui L., Bachari K., Morozova Ju., Obrosof A., Abdul Samad M. Prediction of mechanical properties of welded steel X70 pipeline using neural network modelling // International Journal of Pressure Vessels and Piping. - 2020. - V. 186. - P. 1-23.</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                   |
| 2 | Аринова<br>Сания<br>Каскатаевна | Доктор<br>PhD | старший преподаватель<br>кафедры<br>«Нанотехнологии и<br>металлургия» НАО<br>«Карагандинский<br>технический<br>университет имени<br>Абылкаса Сагинова» | РК | Индекс Хирша по<br>данным<br>информационной<br>базы<br>Scopus = 4 | <p>1. Arinova S.K., Kvon S.S., Kulikov V.Y., Issagulov A.Z., Altynova A.E. Utilization of Coal Ash for Production of Refractory Bricks// Journal of Composites Science. - 2025. - V. 9. - P. 1-16.</p> <p>2. Kvon Sv.S., Kulikov V.Yu., Arinova S.K., Shcherbakova E.P. Studying microstructure of heat-resistant alloy based on the Fe-Cr-Ni-alloying element system for manufacture of components for metallurgical equipment// CIS Iron and Steel Review. - 2023. - V. 1. - P. 84-89.</p> <p>3. Kulikov V.Yu, Kvon S.S, Issagulov A.Z., Arinova S.K. Studying refractory bricks structure impact on their performance properties // Metalurgija. - 2019. - V. 58. - P. 283-286.</p> <p>4. Issagulov A., Kovalev P., Melnik S., Kulikov V., Kvon S., Arinova S. The effect of complex extra-furnace treatment of metal melts on the formation of non-metallic inclusions in large-sized ingots// Materials Research Express. - 2024. - V. 11. - P. 1-10.</p> <p>5. Kovalyova T., Issagulov A., Kovalev P., Kulikov V., Kvon S., Arinov S. Structural Anisotropy Parameters' Effect on the Low-Temperature Impact Strength of Alloy Steels in Rolled Products //Materials Research Express. - 2023. - V. 13. - P. 1-17.</p> | <p>1. Аринова С.К., Алтынова А.Е. Исследование свойств огнеупорных материалов на основе отходов металлургического производства// Наука и технологии Казахстана. - 2025. - V. 1. - P. 221-232.</p> |

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| 3 | Суримбаев<br>Бауыржан<br>Нуржанович | Доктор<br>PhD | Заместитель директора<br>по научной работе РГП<br>«Национальный центр<br>по комплексной<br>переработке<br>минерального сырья<br>Республики Казахстан»<br>Государственное<br>научно-<br>производственное<br>объединение<br>промышленной<br>экологии<br>«Казмеханобр» | РК | Индекс Хирша<br>по данным<br>информационной<br>базы<br>Scopus = 6 | <p>1. Surimbayev B., Bolotova L., Akcil A., Yessengarayev Y., Kanaly Y., Akzharkenov M., Khumarbekuly Y., Shalgymbayev S., Zhumabai S., Mambetzhanova A. Technology Development of Gold Heap Leaching in Kazakhstan: An Overview // Mineral Processing and Extractive Metallurgy Review. - 2025. - P. 1-28.</p> <p>2. Surimbayev B., Yessengarayev Y., Khumarbekuly Y., Bolotova L., Kanaly Y., Akzharkenov M., Zhumabai S. Effect of sodium acetate additive on gold leaching with cyanide solution: Laboratory and semi-pilot leaching tests // Heliyon. - 2024. - V. 10. - P. 1-25.</p> <p>3. Yessengarayev Ye. K., Baimbetov B. S., Surimbayev B. N. Studies on heap leaching of gold with the addition of sodium acetate as an intensifying reagent // Non-ferrous Metals. - 2020. - V. 2. P. 5-30.</p> <p>4. Kanaly E. S., Surimbaev B. N., Bolotova L. S., Shalgymbayev S. T. Choice of a Sorbent for Copper and Cobalt Sorption from Gold-Containing Heap Leaching Solutions // Metallurgist. - 2024. - V. 67. - P. 1457-1465.</p> <p>5. Shalgymbayev S. T., Bolotova L. S., Surimbayev B. N. Kazmekhanobr's technologies in the field of processing of low-grade gold-bearing ores and technogenic raw materials // Tsvetnye Metally, 2021. - V. 9. - P. 38-45.</p> <p>6. Bolotova L. S., Shalgymbayev S. T., Raipov S. K., Surimbayev B. N., Kanaly Ye. S., Kurmanov Zh. E. Heap leaching of gold from the destructured oxidized ore of the Belsu deposit, Republic of Kazakhstan // IOP Conference Series: Earth and Environmental Science. - 2023. - V. 1254. - P. 1-12.</p> | <p>1. Yessengarayev Ye. K., Surimbayev B. N., Baimbetov B. S., Mamyachenkov S. V., Kanaly T. S. Ore treatment hydroperoxide during heap leaching of gold // Комплексное Использование Минерального Сырья. - 2021. - V. 1. - P. 5-14.</p> |
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Рецензенты Утегеновой М.Е.

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|---|-------------------------------|-------------------------|-----------------------------------------------------------------------------------------------------------------------|----|-------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1 | Квятковский Сергей Аркадьевич | Доктор технических наук | Заведующий лабораторией пирометаллургии тяжелых цветных металлов АО «ИМиО» НАО «КазННТУ имени К.И. Сатпаева»          | ПК | Индекс Хирша по данным информационной базы Scopus = 4 | <p>1. Kvyatkovskii S.A., Sit'ko E.A., Sukurov B.M., Semenova A.S., Seisembaev R.S. Processing Converter Slags with Total Utilization of All Components // Metallurgist. – 2020. – V. 64. – P. 678–686.</p> <p>2. Sokolovskaya L., Kvyatkovskiy S., Kozhakhmetov S., Semenova A., Sukurov B., Dyussebekova M., Shakhlov A. Formation of non-ferrous metals thiosalts during sintering of man-made raw materials of copper production // Results in Engineering. – 2024. – V. 23. – P. 1–20.</p> <p>3. Kenzhaliyev B.K., Arkad'yevich K.S., Anatolyevich T.S., Abdulvaliyev R.A., Koizhanova, A., Tussupbayev N.K., Gladyshev S.V., Kassymova G. K. Development and Implementation of Innovative Technologies That Ensure an Increase in The Extraction of Non-ferrous, Noble, Rare, Rare-Earth Metals // Tekhnomekanik. – 2022. – V. 5. – P. 1–12.</p> <p>4. Соколовская Л.В., Квятковский С.А., Кожакметов С.М., Семенова А.С., Сейсембаев Р.С. Влияние восстановителя на структуру и термические свойства шлаков автогенной плавки медных сульфидных концентратов // Metallurg. – 2021. – V. 5. – P. 45–51.</p> <p>5. Kenzhaliyev B.K., Kvyatkovskii S.A., Kozhakhmetov S.M., Sokolovskaya L.V., Kenzhaliyev E.B., Semenova A.S. Determination of Optimum Production Parameters for Depletion of Balkhash Copper-Smelting Plant Dump Slags // Metallurgist. – 2019. – V. 63. – P. 759–765.</p> | <p>1. Kenzhaliyev B.K., Kvyatkovskiy S.A., Dyussebekova M.A., Semenova A.S., Nurhadiyanto D. Analysis of Existing Technologies for Depletion of Dump Slags of Autogenous Melting // Комплексное Использование Минерального Сырья. – 2022. – V. 4. – P. 23–29.</p> |
| 2 | Достаева Ардак Мухамедиевна   | Доктор PhD              | профессор кафедры «Нанотехнологии и металлургия» НАО «Карагандинский технический университет имени Абылкаса Сагинова» | ПК | Индекс Хирша по данным информационной базы Scopus = 5 | <p>1. Růžek V., Dostayeva A.M., Walter, J., Grab T., Korniejenco K. Carbon Fiber-Reinforced Geopolymer Composites: A Review // Fibers. – 2023. – 11. – P. 1–7.</p> <p>2. Kulikov V.Yu., Aubakirov D.R., Kvon S.S., Dostayeva A.M., Shcherbakova E.P. Use of Wear-Resistant Materials in the Kazakhstan Metallurgical</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <p>1. Isagulov A.Z., Kulikov V.Yu., Kvon S.S., Dostayeva A.M., Shcherbakova E. P. Effect of Refractory Structure on Operating Properties // Refractories and Industrial Ceramics. – 2019. – V. 59. – P.</p>                                                       |

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