



## Goal 4. Quality Education.

“Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all.”

# Karazin University Won the European Union Program Competition "Digital Europe"



Karazin University has achieved victory for the first time in the European Union competition "Digital Europe" and has joined the extensive project "European Inclusive Education for the Digital Society, Social Innovation, and Global Citizenship" – "EUropean Inclusive education for Digital society, social Innovation and global CitizEnship" (EURIDICE).

Among the project's goals are the development and implementation of a new joint interdisciplinary master's program "Digital Society, Social Innovation, and Global Citizenship" (120 ECTS credits); training sessions for the digital skills development of teachers, and much more. In addition to benefiting students and schools, the project will also involve professionals and business leaders.

In January 2024, an inaugural meeting for all consortium participants will take place, after which the first stage of project implementation will commence.

Various schools of the university will be involved in the project's implementation. The project's duration is 48 months.



# Projects of Kharkiv University Students are Among the Winners of the Competition for Scientific Research from the Ministry of Education and Science of Ukraine



Karazin's projects are among the winners of the research competition from the Ministry of Education and Science of Ukraine.

The difficult circumstances in which our country, Kharkiv, and the University are currently living encourage us to unite and mobilize our efforts, to work hard and persevere, to search for light even in the pitch darkness.

For the Karazin community, science remains one of the sources of strength, shedding light on hope for the future, for the reconstruction of Ukraine after the trials of war. The victory in the competition of scientific projects supports and inspires our community during the constant shelling and pressure of the enemy.

13 research projects at Kharkiv University and three projects by young scientists from the university have successfully passed the competitive selection for fundamental scientific research, applied scientific research, and scientific-technical (experimental) developments. According to the orders of the Ministry of Education and Science (No. 1572, No. 1569), the implementation of these projects will begin in 2024 with funding from the State Budget of Ukraine.

<https://karazin.ua/en/news/proieky-karazintsiv-nbsp-mdash-sered-peremozhtsiv-konkurs-1/>

# Scientific-Practical Seminar for Educators of Educational Institutions in Saltivsky District of Kharkiv City



On January 4, 2024, a scientific and practical seminar on the topic "Competency-Based Approach in Formative Assessment" took place at the Ermilov Center of Karazin University. The seminar was organized within the framework of the memorandum of cooperation between V.N. Karazin Kharkiv National University and the Education Department of the Administration of Saltivsky District of Kharkiv City Council, as well as the cooperation agreement with the municipal institution "Kharkiv Lyceum No. 167 of Kharkiv City Council" with the university.

During the event, the main directions of educational, scientific, and didactic activities in 2024 at Karazin University were presented for educators and managerial staff of general secondary education institutions across various domains.

<https://karazin.ua/en/news/karazinskyi-proviv-naukovo-praktychnyi-seminar-dlia-pedahohi/>

# The New Year's events for children organized by the Students' Union of Karazin University organized



On December 29–30, a New Year's interactive event took place at the "Factory Space" complex, and on January 5, the play "Ole-Lukøje's Tales" by the Kharkiv Shevchenko Theater "Berezil" was held at Art Area "DK" (all events were held in a safe space).

On January 4–5, in the main building of the university, an exhibition of children's works titled "Creativity Despite War" was held. The exhibition featured over 60 works by children of university staff from 18 departments. All participants received treats.

In total, over 180 children of University Union members took part in the events.

<https://karazin.ua/en/news/novorichni-zakhody-dlia-nbsp-ditei-vid-nbsp-pervynnoi-profsp/>

# The Educational-scientific Cluster "Karazin University – for Students of 'MetroSchools' classes in Kharkiv" began its Operation



Starting from January 5, 2024, the Postgraduate Education Center, in collaboration with the schools and educational-scientific institutes of Karazin University, initiated the operation of the educational-scientific cluster "Karazin University — to students of the 'MetroSchools' educational institutions in Kharkiv."

According to the cooperation agreement with Karazin University, students from the 10th and 11th grades of the municipal institution "Kharkiv Lyceum No. 104 of the Kharkiv City Council" in the "MetroSchool" class conducted practical sessions. Phillip Kuznetsov, the Director of the Institute of Physics and Technology, discussed experiments that changed the world (the top 10 experiments according to the New York Times). Alexander Akulov, the acting head of the Institute of Mycology and Phytoimmunology at the School of Biology, introduced the students to the world of fungi.

Students participated in an experiment conducted by Associate Professor and Senior Lecturer of the Institute of Applied Physics and Plasma Physics at the Institute of Physics and Technology, Inna Afanasyeva, and Alexander Hapon, titled "The Magical World of Electromagnetism." They also took part in the experiment "The World of Animals under the Microscope," led by the engineer of the Institute of Animal Zoology at the School of Biology, Sergiy Sidorovsky.

As a conclusion to the activities, the director of the postgraduate education center, Mykhailo Tatarinov, conducted a reflective session with high school students. The students expressed gratitude and satisfaction for their participation in the cluster, emphasizing the importance of the acquired competencies for their further preparation for Natural and Mathematical Sciences (NMT) in the respective subjects.



# Student Mykita Duniashov is a Laureate of the Scholarship "Talent" from the Mayor of Kharkiv



The official award ceremony of the scholarship "Talent" from the Mayor of Kharkiv took place.

During the event, at the request of the Kharkiv City Council leadership, corresponding certificates were presented to young athlete scholars. Among them was a student from the School of Law of Karazin University, Ukraine's master of sports in archery, Mykita Duniashov.

Deputy Chief of the Department of Physical Culture and Sports of the Kharkiv City Council, Pavlo Dumenko, congratulated the young athletes and their mentors on their achievements.

He emphasized that sports represent strength and wisdom, belief in oneself, and diligent work. He wished them never to deviate from their chosen path, to persistently strive for every victory, to achieve high results, and to gain overall recognition.



# Kharkiv University Continues to Engage Schoolchildren in Science



Karazin University is one of the fundamental centers of intellectual property in Ukraine. The university successfully fulfills its educational, scientific, and enlightening mission, expanding the horizons of its activities and creating new opportunities for learning not only for students but also for schoolchildren.

The university's postgraduate education center, in collaboration with schools and educational-scientific institutes, continues the work of the educational-scientific cluster "Kharkiv University - for students of the 'MetroSchools' educational institutions in Kharkiv." As part of this initiative, university experts conducted sessions for students of grades 9-11 in municipal institutions such as "Kharkiv Lyceum No. 46 of the Kharkiv City Council" and "Kharkiv Lyceum No. 68 of the Kharkiv City Council" and others.

The conclusion of the activities included a reflective session with high school students led by the director of the postgraduate education center, Mykhailo Tatarinov. The students expressed gratitude and satisfaction for participating in the cluster, highlighting the usefulness of the knowledge gained in preparing for the National Mathematical Tournament (NMT).



<https://karazin.ua/en/news/karazinskyi-prodovzhuie-zaluchaty-shkoliariv-do-nbsp-nauky/>



# The Implementation of the European Educational project EURIDICE



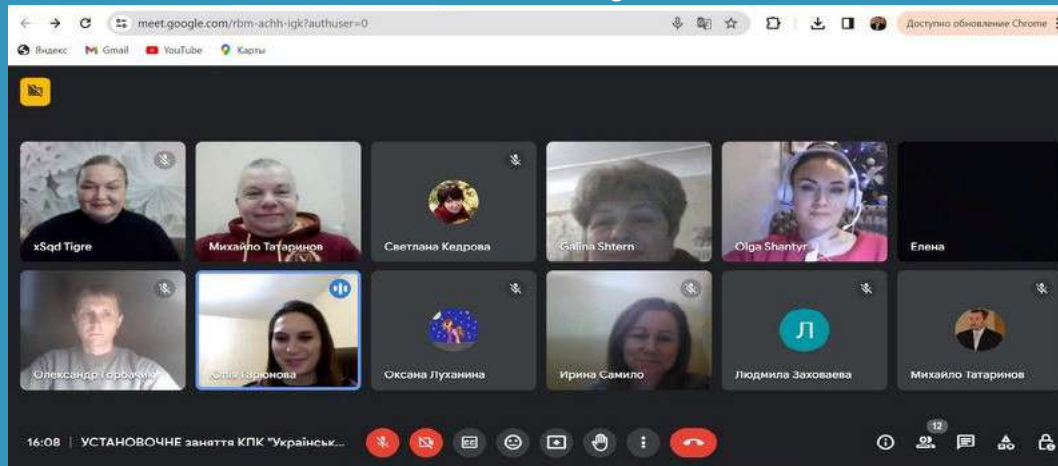
Kharkiv University, as part of a large consortium, has initiated the implementation of the European educational project "European Educational Scientific Technological Center Inclusive education for Digital society, social Innovation and global CitizEnship" (EURIDICE) within the EU program "Digital Europe."

At the founding meeting taking place on January 10-12 at the Free University of Amsterdam, partnered from 11 universities and 2 research organizations that are part of the consortium. The participants represented a geographical range including the Netherlands, Germany, Austria, Ukraine, Czech Republic, Slovakia, Ghana, and other countries. The purpose of the joint meeting was to develop a "roadmap" for achieving the project's goals and Key Performance Indicators (KPIs).

Representing Kharkiv University at the meeting are the university's Vice-Rector and Project leader Boris Samorodov, as well as Associate Professor at the Institute of International Electronic Commerce and Hotel-Restaurant Business of the School of International Economic Relations and Travel Business, and Project manager Olena Mykolenko.



# Professional Development Program for AgroGeneration Company Employees at Kharkiv University



On January 11, 2024, Karazin University launched the educational process under the working certificate program "Ukrainian as a State Language in Professional Purposes" for various categories of AgroGeneration employees on the basis of the Center for Postgraduate Education.

At the inaugural lesson, Mykhailo Tatarinov, Director of the Center for Postgraduate Education, familiarized the participants with the peculiarities of the educational process during online classes and in a remote format on the Moodle platform, revealed the topics of the program and its variability for students.

During the entrance assessment, it was found that non-formal education students are highly motivated to take such courses in order to improve their previously acquired language and speech competencies for their practical use in the production process.

<https://karazin.ua/en/news/u-karazinskomu-rozpochaly-pidvyshchennia-kvalifikatsii-prats/>

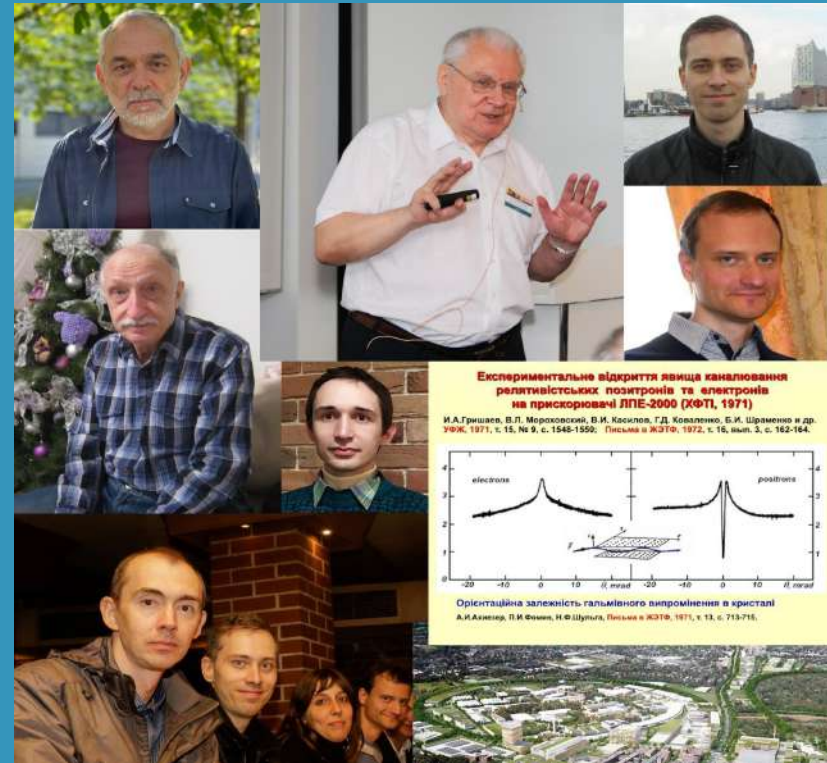
# Karazin University's Contribution to the German-Ukrainian Project: "Investigating the Possibility of Using Crystals to Extract Electrons with 6 GeV Energy at DESY"



The German Research Foundation (Deutsche Forschungsgemeinschaft - DFG) has provided financial support for the joint German-Ukrainian project "Investigating the Possibility of Using Crystals to Extract Electrons with 6 GeV Energy at DESY" (2024–2025).

The project is based on the Grinenko-Shulga mechanism — a stochastic mechanism of deflecting charged particles with a bent crystal. German reviewers of the project particularly emphasize the originality of the proposed method.

Congratulations to the staff of the Education and Scientific Institute "School of Physics and Technology," project co-executors: Professors of the Institute of Nuclear and High-Energy Physics named after O. I. Akhiezer, Mykola Shulga, Ihor Kyryllin, Serhii Trofymenko, and Mykola Bondarenko, as well as Associate Professor of the Institute of Nuclear and High-Energy Physics named after O. I. Akhiezer, Maxim Malovitsa.



# All-Ukrainian Young Physicists Tournament: Competition Results



On January 12-15, 2024, the final stage of the XXX All-Ukrainian Tournament of Young Physicists was held remotely in Odesa at the Richelieu Scientific Lyceum.

The tournament was attended by 15 teams from eight regions of Ukraine, including 6 teams from Kharkiv region. The city of Kharkiv was represented by 4 teams.

After the qualifying games, two Kharkiv teams reached the finals: the Kharkiv team "Moment of Impulse" (consisting of students of the Kharkiv High School No. 161 "Impulse" and KhFNML No. 27) and the team of general secondary education institutions of the Kholodnogorsky district "Quark", as well as the team of the scientific lyceum "Giftedness" of the Kharkiv region.

Following the fierce final battles, the Moment of Impulse team won the tournament. The team leader is Zakhar Maiselis, Honored Teacher of Ukraine, Professor of the School of Physics at Karazin University. The second place was won by the team from Kholodnohirsk district, Quark. And two Kharkiv teams, "Isotopes" from the Slobidskyi district and "Electrum," shared the third place.

<https://karazin.ua/en/news/vseukrainskyi-turnir-iunykh-fizykh-rezultaty-zmahan-1/>

# "The Historical Role of Karazin University in the Consolidation of Ukraine": the First Lecture Within the Project "Unity Week"



On January 18, the Unity Week project was launched, as part of which everyone can attend offline lectures on the issues of Ukrainian unity and statehood.

*Olha Vovk* started the lecture week with the topic: "The Historical Role of Karazin University in the Consolidation of Ukraine". The lecturer described how representatives of Karazin University contributed to the consolidation of Ukrainian lands. In particular, she mentioned an interesting fact about the first lecture in Ukrainian in 1807 by the Dean of the School of Medicine Pavlo Shumlyansky.

In particular, *Olha Vovk* spoke about prominent figures such as Ivan Franko, Heinrich Semiradsky, Mykola Lysenko, Les Kurbas, Yuriy Shevelov, and their contribution to the consolidation of Ukraine.

The lecture also expressed gratitude to our colleagues (educators and scholars) from western Ukraine who have been lending a helping hand since the first days of the full-scale invasion. At the end of the lecture, there was a lively discussion about the dissident movement in the Kharkiv region and key figures of Karazin University.

<https://karazin.ua/en/news/laquo-istorychna-rol-karazinskoho-universytetu-v-nbsp-konso/>

# Vice-Rector Zarif Nazirov Participated in a Working Meeting with the Leaders of the "Horizon Europe Office in Ukraine" of the National Foundation for Research in Ukraine



On January 18, Vice-Rector *Zarif Nazirov* held a working meeting with the heads of the Horizon Europe Office in Ukraine of the National Research Foundation of Ukraine.

At the meeting, they discussed problematic issues related to the EU Framework Program for Research and Innovation "Horizon Europe".

The Horizon Europe program offers promising opportunities for scientists and researchers, their innovative developments, and participation in international projects.

Vice-rector *Zarif Nazirov* invited representatives of the NRFU, including the Horizon Europe Office in Ukraine, to visit the university and hold an information and communication event for interested parties to participate in the Horizon Europe program. The Head of the Horizon Europe Office in Ukraine, *Ihor Taranov*, spoke in detail about the Horizon Europe program and offered to join future information events held by the office for representatives of Ukrainian higher education institutions.

<https://karazin.ua/en/news/prorektor-zarif-nazyrov-uziav-uchast-u-nbsp-robochii-zustric/>

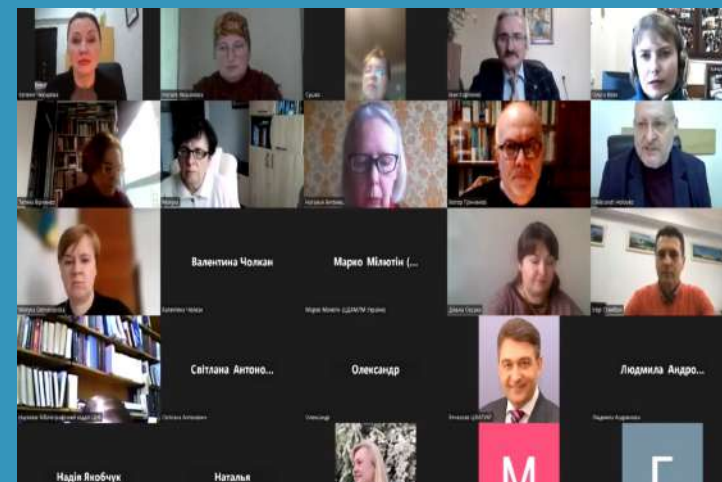
# The Ukrainian Scientific Online Conference "Borys Hrinchenko: Known and Unknown."



On January 19, Karazin University hosted the All-Ukrainian Scientific Online Conference "Borys Hrinchenko: Known and Unknown" dedicated to the 160th anniversary of the outstanding figure's birth.

The conference was organized by:

- Department of Ukrainian Studies of the School of Philosophy;
- Department of History of Ukrainian Literature of the School of Philology;
- Department of Ukrainian Studies named after D.I. Bahaliy of the Academician P.T. Troinko Center for Local History of V.N. Karazin Kharkiv National University.



The conference participants were welcomed by the Vice-Rector of the University *Oleksandr Holovko*, Dean of the School of Philology *Yevheniia Chekareva*, Deputy Director of the Academician P. T. Troinko Center for Ukrainian Studies and Local History *Olha Vovk*, and Dean of the School of Philosophy *Ivan Karpenko*.

The breakout sessions were attended by representatives of higher education institutions, cultural and educational institutions, and organizations not only from Kharkiv region, but also from many cities of Ukraine: Kyiv, Lviv, Dnipro, Khmelnytskyi, Sumy, Kamianets-Podilskyi, Chernivtsi, etc.

# Digital Literacy Training for University Staff



On January 18, a training session on digital literacy for university administrative staff was dedicated to working with smartphones and the "Diia" application. Participants received smartphones and starter kits from the university's partners, followed by training on smartphone usage. Special attention was given to essential applications for smartphone functionality, the features of "Diia.Sign," and digital literacy and hygiene in the information space.

On January 19, a digital literacy training session was held for academic and teaching staff, as well as support personnel at Kharkiv University. The session included a brief presentation on registering process in the "Diia" application, using the "Diia" application on smartphones, and utilizing the "Diia" portal for accessing popular services.

<https://karazin.ua/en/news/treninhy-z-nbsp-tsyfrovoi-hramotnosti-dlia-nbsp-spivrobotnyk/>



# Professor Igor Hirka Participated in the General Assembly Meeting of the European EURIZON Scientific Committee



On January 18-19, the final meeting of the General Assembly of the Scientific Committee of the European program EURIZON was held in Prague.

Professor *Ihor Hirka* of the School of Physics and Technology took part in the meeting as a member of the WP10 - Long Term Sustainability of RIs working package.

In particular, the meeting announced that the European Commission has approved a threefold increase (up to 4.5 million euros) in funding for the Remote Research Grant for Ukrainian Researchers program. The supervisors of the first 18 winning projects have been informed of the conditions for starting work. The second group of about 20 winners is expected to be determined by the end of January, and the third (the same number) by the end of February 2024.

Although the EURIZON program has been closed, the funding for the Remote Research Grant for Ukrainian Researchers program has been extended until the end of April 2025.

<https://karazin.ua/en/news/profesor-ihor-hirka-vziav-uchast-u-nbsp-zborakh-heneralnoi-a/>

# Karazin University Took Part in the All-Ukrainian Scientific Conference "Ukrainian Heart of Odessa: Mykhailo Komarov (Komar) – Public Figure, Enlightener, Bibliographer



January 23, 2024 marked the 180th anniversary of the birth of Mykhailo Komarov (1844-1913), a public figure, bibliographer, folklorist, lexicographer, publisher, literary and theatrical figure.

On the occasion of the anniversary of Mykhailo Komarov's birth, the Hrushevsky Odesa Regional Universal Scientific Library hosted the All-Ukrainian Scientific Conference "Ukrainian Heart of Odesa: Mykhailo Komarov (Komar) - Public Figure, Enlightener, Bibliographer". It was attended by representatives from Odesa, Kyiv, Lviv, and a number of towns and villages in Volyn, Dnipro, and Cherkasy regions.

<https://karazin.ua/en/news/karazinskyi-uziav-uchast-u-nbsp-vseukrainskii-naukovii-konfe/>

# The Problem of the Colonial Status of Ukrainian Lands within the Russian Empire in the 'Long 19th Century': Second Lecture within the 'Week of Unity' Project



Typical or atypical colony, semi-colony, or "non-colony"? What status did Ukrainian lands have in the 19th century?

This question was addressed by historian and associate professor at the Institute of Ukrainian History at the School of History of Karazin University, Denis Zhuravlyov, during the lecture "The Problem of the Colonial Status of Ukrainian Lands within the Russian Empire in the 'Long 19th Century'".

Denis Zhuravlyov became the second lecturer within the "Week of Unity" project. During the lecture, participants learned about the formation of colonies, the economic, social, and foreign policy goals of colonies for the metropolises. The lecturer provided numerous examples of the colonial policies of countries worldwide and the situation of colonies in this context.

<https://karazin.ua/en/news/laquo-problema-kolonialnoho-statusu-ukrainskykh-zemel-u-nbs/>

# "The Kharkiv Frontier": Third Lecture within the "Week of Unity" Project



On January 23, as part of the "Week of Unity" project, a lecture by Maxim Rosenfeld titled "The Kharkiv Frontier" took place. During the lecture, participants gained new insights into the history of Kharkiv and the region, exploring the lives of people in the "free economic zone" and the significance of the lands of Slobozhanshchyna. The economic and personal freedom laid the foundation for the city's development in its early years.

Maxim Rosenfeld poetically refers to Kharkiv as the "fortress of freedom," emphasizing that freedom became the first frontier of Kharkiv.

<https://karazin.ua/en/news/laquo-kharkivskyi-frontyr-raquo-tretia-lektsiia-v-nbsp-me/>

# The University Celebrates UN International Day of Education



In 2018, the UN General Assembly proclaimed January 24 as International Education Day to celebrate its role in peace and development. The initiator of this day was Nigeria. It should be noted that education is a key factor in achieving all 17 Sustainable Development Goals, but the fourth goal, Quality Education, is in the spotlight.

Ukraine has not remembered peace for a long time. Education despite the war - words that have been engraved in the hearts of all Karazin students since the beginning of the full-scale invasion. Today, it is exactly 700 days since Karazin University and other higher education institutions have been working in the extremely difficult conditions of war for the sake of the future. And despite all this, the university continues to educate students, preserve and modernize the intellectual potential of Kharkiv region and Ukraine.

For 219 years, Karazin University has been providing everyone with the opportunity to acquire new knowledge. Since its inception, the University has more than 140,000 graduates. The names of Karazin University graduates are immortalized in geographical names, names of space objects, plants, minerals, laws and formulas. Their contribution to the development of Ukraine is indeed difficult to overestimate.

<https://karazin.ua/en/news/mizhnarodnyi-den-osvity-oon-universytet-vitaie/>

# "Interethnic Harmony in Ukraine: History of Formation and Preservation Tools": the Fourth Lecture Within the "Unity Week" Project



On January 25, as part of the "Unity Week" project, the fourth lecture "Interethnic Harmony in Ukraine: History of Formation and Preservation Tools" was held by Associate Professor Anton Melyakov from the School of Law, National Security, and European Integration at the Education-Scientific Institute "Institute of Public Administration."

During the lecture, participants learned about the existence of the strategy of barrier-free access in Ukraine, the presence of social distance towards certain ethnic groups, and the results of the National Rejection Index. The lecturer provided a list of sources that would broaden participants' understanding of the topic of nationalities and interethnic harmony. These sources included the Razumkov Center, Kyiv International Institute of Sociology, the sociological group "Rating," literature from the Institute of Political and Ethnic Studies named after I.F. Kuras of the National Academy of Sciences of Ukraine.

<https://karazin.ua/en/news/laquo-mizhnatsionalna-zlahoda-v-nbsp-ukraini-istoriia-form/>

# "Unity of Ukraine: Myth or Reality?": the Fifth Lecture within the "Unity Week" Project



On January 26, as part of the "Week of Unity" project, the final lecture on the topic "Unity of Ukraine: Myth or Reality?" took place. The lecture was delivered by ethnologist and associate professor of the Institute of Ukrainian Studies at the School of Philosophy, Natali Aksonova.

Participants were actively involved in the lecture as it was conducted in an interactive format. During the presentation, the lecturer explained why the concept of unity is so unique in the context of Ukrainian society, discussed the stages of national revival, and explored how the idea of unity contributed to the formation of the state at various times in history.

At the end of the lecture, Natali Aksonova put forward an intriguing thesis: "Unity is not only the right to be together but also the collective determination of our fate and the shaping of our future."

<https://karazin.ua/en/news/laquo-sobornist-ukrainy-mif-chy-nbsp-realnist-raquo-pia/>

# Karazinites Took Part in the Winter School at the University of Central Sweden in Östersund



On January 16-26, students and teachers of the School of Sociology of Karazin University attended the Winter School at the University of Central Sweden in Östersund. The event was held as part of the SAFE Ukraine project. During the training, the delegation of sociologists discussed risks in modern life with Swedish partners. The students visited the risk laboratory established at the University of Central Sweden and presented new ideas for research using the laboratory. In addition, the program was full of various meetings: with school children, students and teachers, administration and journalists from the Swedish side.

Karazinites attended several lectures by Swedish students and took part in discussions. The SAFE Ukraine project is being implemented by the School of Sociology of V. N. Karazin Kharkiv National University and the School of Humanities and Social Sciences of the University of Central Sweden.

<https://karazin.ua/en/news/karazintsi-vzialy-uchast-u-nbsp-zymovii-shkoli-v-nbsp-univer/>



# All-Ukrainian Student Physics Olympiad: Results of the Regional Stage



On January 26, 2024, the third (regional) stage of the All-Ukrainian Physics Olympiad for students in grades 8-11 of general educational institutions in the Kharkiv region took place online, hosted by the School of Physics and Technology at Karazin University.

About 160 participants from various districts of the Kharkiv region and the city of Kharkiv took part in the Olympiad, therefore showing a significant increase compared to the previous year.

The competition consisted of two rounds (theoretical and experimental). The top-performing students were invited to qualifying training sessions to form a team representing the Kharkiv region in the fourth stage of the All-Ukrainian Physics Olympiad.

<https://karazin.ua/en/news/vseukrainska-uchnivska-olimpiada-z-nbsp-fizyky-rezultaty-ob/>

# A Solemn Graduation Ceremony of Pupils within Karazin Weekends Legacy Project



On January 27, schoolchildren participating in Karazin Weekends Legacy graduated!

The students studied between two symbolic dates. The children entered the newly created faculties of Umlauf, Shadius, Shumus and Stoikselvand on November 17, the Day of Karazin University's foundation. And the graduation took place on January 27, the day before the university's opening day.

About 500 students of grades 8-11 in Kharkiv took part in the offline project. Each faculty and institute of Karazin University held offline classes every Saturday and opened the doors to the world of interesting science.

On January 27, the schoolchildren graduated from the shelter! Participants who attended more than half of the classes received a Karazin Weekends Legacy diploma, and after the ceremony, everyone could join the quiz and win unique prizes.

The graduation ceremony was opened by the academic student choir Ad Libitum. Rector of the University Tetiana Kahanovska delivered the opening speech: "It was an incredible 8 weeks of educational process! Today you receive your certificates and become part of the Karazin community. It is up to you to take the baton from the teachers, to glorify our university, our unbreakable city and heroic country!"

It should be noted that the project was implemented as part of Karazin University's educational mission.

One of the main goals of Karazin Weekends Legacy is to allow schoolchildren to feel like real university students, to create opportunities for offline meetings in safe spaces, and to carry out career guidance activities.

We are confident that we will see the children at Karazin University more than once as students, teachers and researchers! Let us remember that children are our future, and they will write the history of Ukraine.

<https://karazin.ua/en/news/urochystyi-vypusk-shkoliariv-u-nbsp-mezhakh-proiektu-karazin/>

# Karazin University Students are Undergoing Practical Training at the Czech Technical University



On January 29, 2024, 3-5 year students of the Education and Research Institute " School of Physics and Technology" started laboratory classes at the School of Nuclear Science and Physical Engineering of the Czech Technical University (FNSPE CTU) in Prague.

The students acquire practical skills in plasma physics and controlled nuclear fusion on the GOLEM tokamak and PLASMALAB laboratory complex. GOLEM is a small circular tokamak. Its large radius is 0.4 m and its small radius is 0.085 m. It is mainly used to improve students' experimental competencies.

The Czech Technical University has also built a modern laboratory PlasmaLab@CTU for students and researchers worth more than 23 million Czech crowns, which is where Karazin students are now practicing.

Karazin University fully funded the students' stay in Prague as part of the EuroFusion project.

<https://karazin.ua/en/news/karazintsi-prokhodiat-praktyku-na-bazi-cheskoho-tekhnichnoho/>

# Celebrations of the 219th Anniversary of Karazin University



Karazin University hosted celebrations on the occasion of the 219th anniversary of the opening of the university, which first opened its doors on January 29, 1805. The university administration, Kharkiv and regional authorities, representatives of the faculty, students, friends of the university and honored guests gathered to congratulate Karazin University on its birthday.

With a minute of silence, the attendees honored the memory of Karazin University students who gave their lives for the freedom and independence of Ukraine.

"Karazin University is a modern high-quality education based on long-standing traditions and internationally recognized all over the world. The University has always been a center of national ideas. It was here in 1906 that the first lecture was given in Ukrainian. This is the university whose students used the slogan "Glory to Ukraine!" at the beginning of the last century.

Oleh Syniehubov, Chief of the Kharkiv Regional Military Administration, praised Karazin University for its comprehensive development of vital programs in social-psychological rehabilitation, veteran spaces, and hubs.

Mayor of Kharkiv, Igor Terekhov, acknowledged the university's resilience over the 219 years, despite challenges, and expressed gratitude for its role as a significant brand in Kharkiv's development. He emphasized the importance of moving forward, thanks to the efforts of the Armed Forces defending the country.

Congratulations were also extended by Yevgeny Grytskov, advisor to the head of the Kharkiv Regional Council, Alexander Sidorenko, director of the Kharkiv Regional Center for Education Quality Assessment, and Anastasia Shapoval, representative of Kharkiv IT Cluster.

The Chairman of the Verkhovna Rada of Ukraine Ruslan Stefanchuk, President of the National Academy of Sciences of Ukraine, Chairman of the Supervisory Board of Karazin University and member of the Board of Trustees of Kharkiv Karazin University Foundation Anatolii Zahorodnii, President of the National Academy of Pedagogical Sciences of Ukraine and member of the Supervisory Board of the University Vasyl Kremen, writer and musician, Honorary Doctor of the University Serhiy Zhadan sent congratulatory letters and video greetings.

# Solemn Meeting of the University Academic Council on the Occasion of the 219th Anniversary of the Founding of Karazin University



On January 29, a solemn meeting of the Academic Council of the university took place at Karazin University, dedicated to the 219th anniversary of the opening of V.N. Karazin Kharkiv National University.

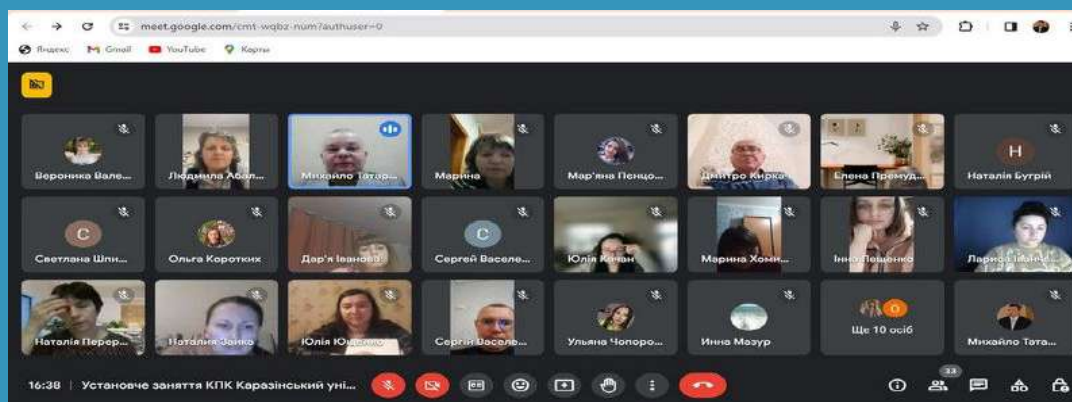
The solemn meeting was opened by the university's rector, Tetyana Kaganovska: "We really want to believe that we will celebrate the 220th anniversary in a peaceful Ukraine, and we will make every effort for this. I want to thank all of you. In fact, we cannot even imagine how many high-quality and powerful initiatives we have implemented this year. I am proud of our Karazin community! I know how difficult it is to go to work after night shelling, to do your job, inspire colleagues and students, stay strong yourself, and multiply the achievements of Karazin University. I am very glad that in this challenging time, we are working together!"

For the first time since the start of the full-scale war, a scientific report was presented at the university. The speaker was the Dean of the School of Physics, Ruslan Vovk, who talked about the life path of the outstanding theoretical physicist Mark Azbel.

The Academic Council adopted a decision to establish the Mark Azbel Prize at the university, as well as to name auditorium 7-36 after Mark Yakovych Azbel.

<https://karazin.ua/en/news/urochyste-zasidannia-vchenoi-rady-universytetu-z-nbsp-nahody-1/>

# Karazin University has Begun the Professional Development of Educators, Teachers, School directors, and Methodologists of the Center for Education Technologies



On January 29, 2024, Karazin University started the educational process at the advanced training courses for various categories of educators, teachers, lecturers, directors of education institutions of various types and forms of ownership, methodologists of the Center for Educational Technologies from seven districts of Kharkiv, five settlements, villages, city councils, three rural districts and three cities of regional subordination of Kharkiv region, a special educational institution and institutions of professional higher education of regional communal property, the city of Sievierodonetsk, Luhansk region and the city of Myrhorod, Poltava region.

The educational process for various participant categories involves a seamless combination of lectures dedicated to contemporary scientific and pedagogical achievements, including those made by Karazin researchers, with practical sessions such as workshops, training sessions, situational task creation and resolution, exercises, and more.

At the beginning of the class, the participants paid tribute to the memory of Kharkiv and regional residents, including their colleagues who died since February 24, 2022.

<https://karazin.ua/en/news/rozpochato-pidvyshchennia-kvalifikatsii-vykhovateliv-vchyte/>

# Karazin University Expands Cooperation with NIX



On January 30th, Victor Shalnev, the Director of NIX, visited Karazin University.

The university was represented at the meeting by Vice-Rector Anton Panteleimonov, Acting Dean of the School of Computer Science Dmitry Uzlov, and the Chair of the Student Council, Mykyta Kucherov.

During the meeting, they discussed cooperation with NIX regarding joint educational projects, career guidance initiatives, and the development of education in the fields of cybersecurity and computer science. According to the memorandum signed between Karazin and NIX, specific goals were set to strengthen this collaboration.

The NIX team has been friends and partners of the university for several years. NIX provided financial assistance in the amount of 865,000 hryvnias for charitable projects of the Kharkiv Karazin University Foundation.

<https://karazin.ua/en/news/karazinskyi-rozshyriuie-spivpratsiu-z-nbsp-kompaniieiu-nix-s/>

# Karazinites joined the organizational meeting within the DEFEP project 'Future Distance Education: Best EU Practices in Response to the Demands of Modern Higher Education Seekers and Labor Market Representatives'



On 28–30 January 2024, representatives of V. N. Karazin Kharkiv National University took part in the organisational meeting of the DEFEP project 'Distance Education for Future: best EU practices in response to the requests of modern higher education seekers and labour market', which took place at Lviv National Environmental University.

The meeting included the Second Coordination Meeting, meetings of the Coordinating Board, the Executive Committee, the Quality Committee and the Transparency and Communication Committee. The purpose of the meeting was to summarise the best practices and requests of distance education stakeholders in the EU and partner countries, and to substantiate the prospects for the development and implementation of its methodology.

<https://karazin.ua/en/news/karazintsi-doluchylisia-do-nbsp-orhanizatsiinoi-zustrichi-v/>



# Karazin University in the Webometrics Ranking



The National Research Council of Spain has released the latest edition of the international university ranking, Webometrics Ranking of World's Universities, January 2024 (Edition 2024.1.0).

In total, the ranking evaluates the online presence of over 32,000 global higher education institutions. More than 200 Ukrainian universities are included in the ranking. Karazin University has moved up one place compared to the previous edition and now holds the 8th position among Ukrainian higher education institutions.

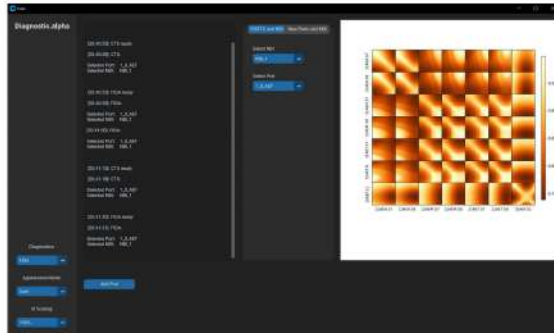
During the compilation of the ranking, developers assess the substantive and informational components of the educational institution's website, taking into account factors such as the number of indexed pages, external links, site citations, and the quantity of uploaded files.

<https://karazin.ua/en/news/karazinskyi-u-nbsp-reitynhu-webometrics/>

# Karazinites are Involved in Projects within the Technology section of the EUROfusion association



## Improvement of the diagnostic coverage



Credit: I. Kuzmych, to be submitted to RSI



MAX-PLANCK-INSTITUT  
FÜR PLASMAPHYSIK



4D and 5D tomography of fast ion velocity distribution function in stellarators and tokamaks



Dmitry Moseev on behalf of the team

This work has been carried out within the framework of the EUROfusion Consortium, funded by the European Union via the European Research and Training Programme (Grant Agreement No 101019726 — EUROfusion). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the European Union or the European Commission. Neither the European Union nor the European Commission can be held responsible for them.

On February 5, a regular meeting of the Scientific Committee of the Technology Section of the EUROfusion Association was held, in which Ukraine is represented by *Ihor Hirka*, Professor of the School of Physics and Technology of Karazin University.

The participants heard progress reports on six projects currently being implemented within this section.

Among the results achieved under the project "Reconstruction of 4D and 5D fast-ion phase space distribution functions in tokamaks and stellarators", the project manager noted the achievements of *Ivan Kuzmych*, a 4th year student of the School of Physics and Technology. These results were included, in particular, in a report at the European Conference on Plasma Physics and Controlled Fusion, as well as in a corresponding article prepared by the project team. *Ivan* is included among the authors of these scientific papers, which is the basis for a strong defense of his Bachelor's degree.

<https://karazin.ua/en/news/karazintsi-berut-uchast-u-nbsp-proiektakh-u-nbsp-mezhakh-nbs/>

# Karazin University Has Opened an Internship Program in the field of 221 "Dentistry"



Symbolically, on International Dentist Day, we announce this important news. Karazin University has obtained a license for the training of postgraduate medical students for internship under the specialty 221 "Dentistry."

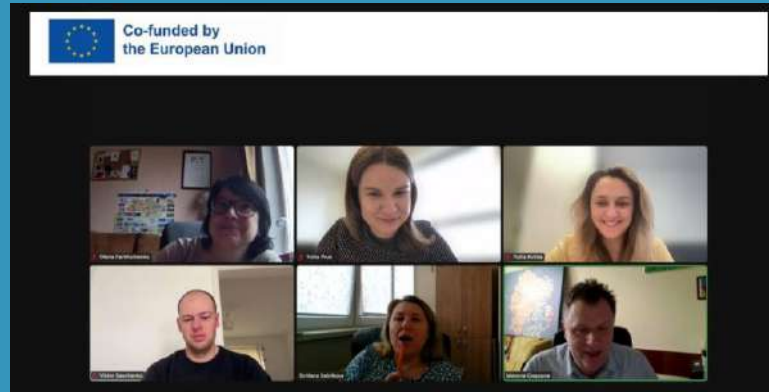
In 2023, the university gained the right to train students of the second (Master's) level of higher education under the specialty 221 "Dentistry." Karazin University has established a powerful practice base for future specialists and found like-minded partners for collaboration and the improvement of medical education quality.

This is a significant milestone for the university! Thanks to the efforts of Karazin's community and the support of friends and partners, after 100 years, we are once again preparing true professionals in the field of dentistry within our walls.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-vidkryto-internaturu-za-nbsp-spetsialnis/>



# Karazin University Participated in Meetings within Erasmus+ KA2 project "Reforming Educational Programs to Promote Education for Peace in Ukraine, Georgia, and Moldova / PeaceEdu"



On January 29, February 2, and February 9, 2024, as part of the implementation of the Erasmus+ KA2 project "Reforming Educational Programs to Promote Education for Peace in Ukraine, Georgia, and Moldova / PeaceEdu," national meetings were held to discuss and analyze national and institutional needs and expectations regarding the project.

Ukrainian partners participating in the events included Karazin University, Taras Shevchenko National University of Kyiv, and the NGO "Public Diplomacy Platform." During the meetings, project teams prepared a series of questions for surveys of students and school teachers regarding their awareness and needs in promoting peace education.

Representing Karazin University were Associate Professor of the Department of Management and Administration, Project Manager Yulia Kvitka, project team members, Associate Professors of the Department of Management and Administration Yulia Prus and Olena Parkhomenko, as well as Associate Professor of the Department of Civil Law Viktor Savchenko.

The project at Karazin University is being implemented based on the School of Business at the Institute of Economics.

<https://karazin.ua/en/news/karazintsi-doluchylysia-do-nbsp-zustrichei-u-nbsp-mezhakh-nb/>

# Karazinites – Winners of the Work Competition at the All-Ukrainian Winter School on Quantum Computing QHack UA Bootcamp 2024



From January 16 to February 4, 2024, the All-Ukrainian Winter School on Quantum Computing, QHack UA Bootcamp 2024, took place for students and professionals in the field of quantum computing. The training occurred in a hybrid format at the Ukrainian Catholic University.

A team consisting of two students from the Institute of Physics and Technology, Ilya Lukin and Mykola Luhanko, and a graduate of the School of Physics, Oleksandr Borysenko, secured the first place in the competition during this school. The theme of their project was the "Variational Quantum Eigensolver (VQE) algorithm for financial portfolio analysis."

Currently, this team is participating in the global hackathon QHack (February 8–22, 2024) under the name "Kharkiv team." Congratulations to the winners and best wishes for continued success!

<https://karazin.ua/en/news/karazintsi-nbsp-mdash-peremozhtsi-konkursu-robot-vseukrain/>

# Karazin University Has Launched Sibillini-Europa Virtual School 2024 (Ukraine edition)



Professor of Constitutional Law at the University of Genoa, researcher, and co-leader of the legal reform project at the Institute of Advanced Legal Studies (IALS) of the University of London, Enrico Albanesi, visited Karazin University. A renowned expert in constitutional law and constitutional justice, he initiated an online lecture series for students of the School of Law on the impact of EU law on national constitutional law.

Within the course, leading specialists from the University of Genoa, the University of Teramo, and the European Commission deliver lectures. The online course also involves collaboration between Italian and Ukrainian students in discussing issues related to Ukraine's accession to the EU during lectures and seminars.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-startuvala-sibillini-europa-virtual-scho/>

# Career Guidance Workshop by the Graduate of the School of Geology, Geography, Recreation, and Tourism, Valentin Sypavin



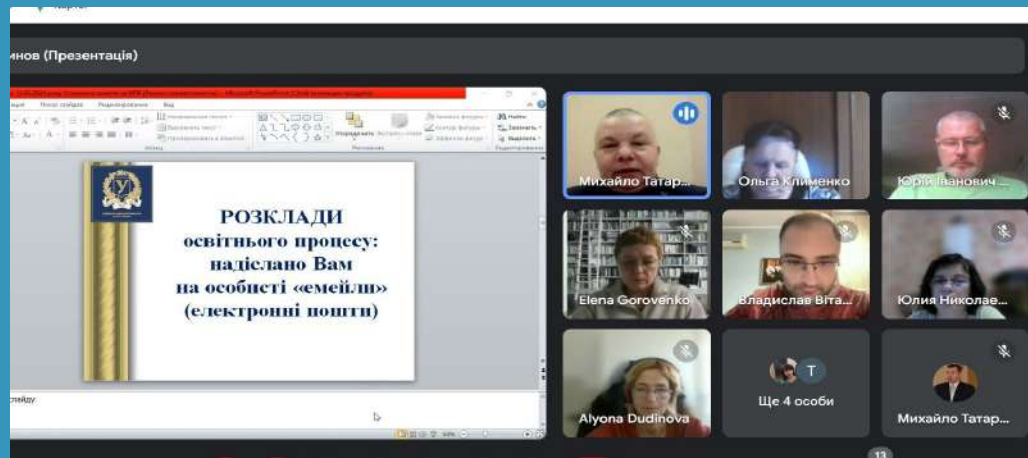
On February 14, 2024, a meeting with the graduate of the Institute of Physical Geography and Cartography, Valentin Sypavin, took place at the School of Geology, Geography, Recreation, and Tourism. A distinguished alpinist and ice climber, well-known in Ukraine and worldwide, shared his professional and personal experiences.

Valentin Sypavin has conquered iconic peaks around the world, including Elbrus, Kazbek, Mount Abu Ali ibn Sina, Damavand, Mont Blanc, Matterhorn, K2, Kilimanjaro, Aconcagua, Alpamayo, McKinley, and has been on the summit of Everest five times. He holds a Guinness World Record for kayaking at the highest altitude and led the first Ukrainian Antarctic expedition to ascend Vinson Massif in January 2022.

Over 200 people attended the meeting, including students, staff, school, and alumni of the School of Geology, Geography, Recreation, and Tourism. Guests also included representatives from other schools of Karazin University, as well as students and educators from secondary and extracurricular educational institutions.

<https://karazin.ua/en/news/proforientatsiinyi-maister-klas-vid-nbsp-vypusknika-fakulte/>

# Karazin University is Conducting Professional Development for Teachers from Various Educational Institutions in Ukraine



Karazin University's Center for Postgraduate Education provides educational process according to working educational programs at the in-service training courses for teachers and lecturers of various academic disciplines, directors of educational institutions in Kharkiv region and Sievierodonetsk, Luhansk region. Individual participants of the advanced training represent educational institutions from three de-occupied village councils, one village council and one city council of the Kharkiv region.

The educational process involves highly qualified scientific and pedagogical staff and practitioners from the leading departments of the Schools of Biology, History, Physics, Chemistry, Foreign Languages, Karazin Banking Institute, the Department of Physical Education and Sports, and the Center for Ukrainian Studies and Local History of Karazin University.

During the training, students will take part in lectures on topical issues of the development of the fundamentals of science, implementation of model programs in grades 5-6 of the New Ukrainian School, and directly in various practical, laboratory and experimental classes.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-universyteti-prokhodyt-pidvyshchennia-kv/>



# The way to IT with Karazin University: the project has started



The Way to IT with Karazin University is a project founded by university specialists and IT companies. The goal of the project is to disseminate new knowledge and experience to pre-university education students who want to work in the field of information technology.

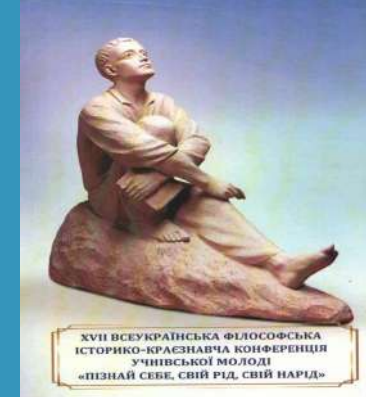
The first classes in a mixed format took place on February 10. Experts gave lectures on the following topics

- Bitcoin payment system: what it is and how it works;
- History of the Internet.

Another lecture was titled "Career Opportunities at ERAM for Students". It was delivered by *Oleksandr Lutsyk*, Head of the EPAM Kharkiv Office.

<https://karazin.ua/en/news/shliakh-v-nbsp-it-razom-z-nbsp-karazinskym-proiekt-startuva/>

# All-Ukrainian Philosophical, Historical, and Local Lore Conference of Student Youth 'Know Yourself, Your Kin, Your People'"



On February 22, 2024, the traditional XVII All-Ukrainian Philosophical, Historical, and Local Lore Conference of Student Youth "Know Yourself, Your Kin, Your People" started its work at V. N. Karazin Kharkiv National University in a mixed format.

The organizers of the conference are:

- Ministry of Education and Science of Ukraine;
- Ukrainian State Center for National-Patriotic Education, Local Lore, and Tourism of Student Youth;
- Department of Science and Education of the Kharkiv Regional Military Administration;
- V. N. Karazin Kharkiv National University;
- National Literary and Memorial Museum of H. S. Skovoroda;
- Municipal institution "Kharkiv Regional Station of Young Tourists" of the Kharkiv Regional Council.

<https://karazin.ua/en/news/vseukrainska-filosofska-istoryko-kraieznavcha-konferentsiia-1/>

# Master the Specialty 225 "Medical Psychology" at Karazin University



We invite 11th-grade graduates to pursue education in medical psychology at Karazin University!

Students of this specialty will receive a range of unique educational opportunities during their studies:

- Engagement in the educational process with leading experts from the medical, sociological, and biological schools, the School of Psychology, and other structural units of Karazin University.
- Training at the clinical base of the School of Medicine, which is a specialized institution for the training of medical psychologists, a leading research and diagnostic institution in Ukraine — the State Institution "Institute of Neurology, Psychiatry and Narcology of the NAMS of Ukraine."
- Practice within the partnership projects of Karazin University, including gaining practical experience in the rehabilitation of servicemen of the Armed Forces of Ukraine.
- Obtaining additional international certificates in the medical and medical-psychological fields during the study period.
- Learning from the best specialists in the country — 30 professors and 150 associate professors will share invaluable experience and knowledge.
- Opportunity for employment at the university during and after graduation.

We invite you to study in the Karazin University family!

<https://karazin.ua/en/news/opanuite-spetsialnist-225-nbsp-laquo-medychna-psykholohiia/>

# Seminar on "Grant Opportunities for Scientific Collaboration" was Held at Karazin University



Continuing to advance Ukrainian science and education! A seminar on "Grant Opportunities for Scientific Collaboration" was held at Karazin University in a blended format with the support of the National Research Foundation of Ukraine and thanks to the efforts of the university's Vice-Rectors Zarif Nazirov and Anton Panteleimonov.

More than 120 participants took part in the event. The opening remarks to the attendees were delivered by Boris Samorodov, the vice-rector of Karazin University, who expressed gratitude to everyone contributing to scientific work and supporting a high level of research activity in Ukraine. Currently, Karazin University is actively implementing 8 research projects that have become winners of the competition organized by the National Research Foundation of Ukraine.

Participants of the seminar received updated information on grant opportunities for researchers, the application process for obtaining grants, preparation for competitions, international scientific cooperation, and more. The event took the form of a productive discussion, where all interested individuals could ask questions.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-vidbuvsia-seminar-nbsp-laquo-hrantovi-m/>

# Karazin Scientific Journal "Biophysical Herald" has been Included in the List of Scientific Professional Editions of Ukraine in the Category "A"



By the Order of the Ministry of Education and Science of Ukraine "On the approval of decisions of the attestation board of the Ministry" No. 220 dated February 21, 2024, the scientific professional journal "Biophysical Herald" of V.N. Karazin Kharkiv National University has been included in the list of scientific printed periodicals assigned the category "A."

The "A" category includes scientific periodicals of Ukraine that have been indexed in the Scopus and/or Web of Science Core Collection databases. "Biophysical Herald" is indexed in Scopus.

The editorial boards of university periodicals invite Karazin scholars, the scientific community of Ukraine, and the world to collaborate. All information is published on the website "Scientific Periodicals of Karazin University."

The journal may publish articles and results of dissertation research for obtaining scientific degrees of Doctor of Sciences, Candidate of Sciences, and the degree of Doctor of Philosophy in three fields of science: Biological Sciences, Physical and Mathematical Sciences, and Technical Sciences in the specialties: 091 "Biology," 104 "Physics and Astronomy," 105 "Applied Physics and Nanomaterials," 163 "Biomedical Engineering" (according to the Procedure for the formation of the List of scientific professional editions of Ukraine).

<https://karazin.ua/en/news/karazinskyi-naukovyj-zhurnal-laquo-biofizychnyi-visnyk-raqu/>

# The Online Lecture by Pavlo Yeremeyev, titled "Crimea as a 'Lieu de Mémoire': between Science and Propaganda," Took Place.



A gift to the 300th anniversary of the Pereyaslav Rada? Or what myths about Crimea are promoted by russian propaganda.

These questions were answered by Pavlo Yeremeyev, Associate Professor of the Department of Eastern European History at the School of History, in an open online lecture titled "Crimea as a 'lieu de mémoire': Between Science and Propaganda."

The lecturer analyzed the concept of Crimea as the ancestral land of Russia, which is currently being actively used by Russians. However, in reality, the mythical context of the ancestral lands cannot be taken into account when revising borders. Therefore, a new myth is being actively spread - the idea of Crimea as the sacred place of baptism of Russian Prince Volodymyr. Later, Crimea was presented in the context of the "Uvariv Triad," according to which Russian statehood should be based on Orthodoxy, autocracy, and nationality. And Crimea, annexed to the Russian Empire in 1783, began to be perceived in these religious and national narratives, which were firmly rooted in the minds of the population by the end of the imperial period. It is interesting that right now, modern Russian propaganda is reviving this myth, built on archaic thinking.

<https://karazin.ua/en/news/vidbulasia-onlain-lektsiia-pavla-ieremieieva-laquo-krym-ia/>

# Karazin University has started training teachers from different educational institutions of Kharkiv region



On February 29, 2024, Karazin University began training teachers of basic and complete general secondary education institutions, vocational schools of four districts of Kharkiv, two cities of regional significance, and one of the inclusive resource centers. Among the participants of the training are representatives from the de-occupied territories of Kharkiv region.

During the first lesson, conducted by Mykhailo Tatarinov, Director of the Center for Postgraduate Education, the participants paid tribute to those who died as a result of the Russian-Ukrainian war. The participants were instructed on life safety in martial law, familiarized with the specification of the educational process in accordance with the schedules of diversified work educational programs, and were involved in the entrance evacuation.

The specifics of advanced training at Karazin University are:

- an organic combination of interactive online lectures on topical issues of the achievements of the relevant sciences, the peculiarities of their application in the education of students of different grades of general secondary education institutions;
- implementation of model programs in grades 5 and 6 of the New Ukrainian School;
- scientific and methodological training of teachers to work in the 7th grade under the new model programs in the new academic year, with practical and seminar classes;
- consultations to develop the basis for an individual educational trajectory of a teacher in the context of andragogical education.

The educational process will last until March 15, 2024.

<https://karazin.ua/news/karazinskyi-universytet-rozpochav-navchannia-vchyteliv-rizny/>

# The Institute of Physics and Technology has Received Confirmation from the European Commission for the Implementation of the Project "EU-UA Nuclear Research and Education Capacity Building" (NURECAB)



Єврокомісія The European Commission has confirmed the feasibility of implementing the project "EU-UA Nuclear Research and Education Capacity Building" (NURECAB) within the EURATOM WP 2023-2025 TOPIC IBA 3 program (Education, training, capacity building, and networking actions to strengthen Ukrainian and EU nuclear research).

Congratulations to the team of instructors from the Institute of Physics and Technology, who worked on the proposal, including Pylyp Kuznetsov, Bohdan Mazilin, Inna Afanasyeva, and Maxym Malovytsa. Wishing successful project execution!

<https://karazin.ua/en/news/nni-laquo-fyzyko-tekhnichnyi-fakultet-raquo-otrymav-pidtv/>



# Kharkiv National University Graduate Ksenia Minakova Made History by Representing Ukraine for the First Time at the World Summit on "Advancing Science, Creating Technologies for a Better World" in Singapore



Researcher from Kharkiv, Ksenia Minakova, represented Ukraine at the World Summit "Advancing Science, Creating Technologies for a Better World" in Singapore.

From January 8 to 12, she participated in the Global Young Scientists Summit (GYSS) 2024, a world-class summit for young scientists, where she represented Ukraine for the first time in its history. This forum is one of the most prestigious events in the field of science, with over 350 young researchers and leading scientists from 38 countries participating. Among the distinguished guests were Nobel laureates, Fields medalists, and winners of the Millennium Technology Prize.

Ksenia Minakova is an alumna of the Institute of Theoretical Nuclear Physics at the Institute of Physics and Technology, having graduated in 2011. Currently, she is an Associate professor at the Department of Physics at Kharkiv Polytechnic Institute and holds a Ph.D. in Physics and Mathematics. Ksenia's scientific interests include theoretical calculations and modeling of thermophysical processes in solar cells. She is also actively involved in promoting, educating, and developing women and youth in STEM education.

During the summit, Ksenia conducted a lecture session where she presented the results of her research on nanostructures, which received high praise from her colleagues at the Institute of Functional Intelligent Materials at the National University of Singapore.

We are proud of the achievements of our graduates and congratulate Ksenia!

**Note:** The GYSS was initiated in 2013 with the aim of engaging young scientists in pursuing their scientific dreams through close interaction with outstanding scientists, researchers, and other colleagues. The summit covers disciplines such as chemistry, physics, medicine, mathematics, computer science, and engineering.

<https://karazin.ua/en/news/vypusknnytisia-karazinskoho-kseniia-minakova-vpershe-v-nbsp-is/>

# Karazinites - Laureates of the Global Quantum Hackathon QHack 2024



The team of Kharkiv students and physicists emerged as the laureates of the top honors at the globally renowned QHack 2024 quantum computing hackathon, held from February 8 to February 22.

More than 600 teams from over 90 countries participated in the event. The Kharkiv\_team included students from Karazin University:

- Ilya Lukin, a Master's student at the Institute of Physics and Technology, employee at the Institute of Theoretical Physics named after M. M. Bogolyubov, and the Kharkiv Institute of Physics and Technology;
- Mykola Luhanko, a Bachelor's student at the Institute of Physics and Technology;
- Oleksandr Borysenko, a graduate of the School of Physics, employee at the Institute of Theoretical Physics named after M. M. Bogolyubov, and the Kharkiv Institute of Physics and Technology.

The Kharkiv\_team secured the first place in the "A Matter of Taste" category with their research project "Bridging the Gap is a Matter of Taste." The project focused on calculating spectral characteristics and determining phase transitions in the Ising model using quantum computing. Additionally, the team claimed the 4th place, thus making it into the top five winners of the open part of the hackathon.

We sincerely congratulate the winners, take immense pride in their achievements, and wish them continued success in their scientific endeavors!

<https://karazin.ua/en/news/karazintsi-nbsp-mdash-laureaty-vseshvitnoho-quantovoho-khak/>

# Karazin Kharkiv National University Assisting at the General Assembly of the European Nuclear Education Network (ENEN)



On March 1, 2024, the General Assembly of ENEN took place. V.N. Karazin Kharkiv National University, as a member of ENEN, presented the current state of affairs and an initiative regarding the establishment of Nuclear Medical Center in Kharkiv, based on the Education and Research Institute "School of Physics and Technology" and the National Science Center Kharkiv Institute of Physics and Technology.

Within the framework of the meeting, two Ukrainian representatives joined the European family of the ENEN network: the Science and Technology Center of Kharkiv Institute of Physics and Technology and the National Technical University of Ukraine "Kyiv Polytechnic Institute" (NTUU "KPI"). Prior preparatory work was carried out by the National Contact Point Euratom in Ukraine and ENEN.

ENEN is a European educational network in the field of fission, which not only connects European universities of nuclear education and nuclear centers but is also deeply integrated into Euratom projects and direct communication with representatives of the European Commission.

ENEN offers opportunities for students, postgraduates, young scientists, and engineers to gain valuable knowledge and skills, establish new contacts and international experience, and discuss potential projects.

<https://karazin.ua/en/news/karazinskyi-nbsp-mdash-na-nbsp-heneralnii-asamblei-ievrope/>

# International Masterclass on Particle Physics 2024



On March 1, 2024, the XX International Masterclass on Particle Physics took place at the Institute of Physics and Technology of Karazin University.

The event involved the participation of 38 high school students from the city of Kharkiv. The organizers were professors and students from the Institute of Physics and Technology.

Sergiy Lytovchenko, the head of the Institute of Reactor Building Materials and Physical Technologies, provided an informative lecture about Karazin University's contribution to the development of our city and Ukraine, as well as the current state of the institute.

Roman Ovsianikov, a 6th-year student at the Institute of Physics and Technology, delivered a lecture on elementary particle physics, during which students learned about the current state of physics and the fundamental structure of the Universe. Additionally, 3rd-year students Irina Kapran and Veronika Batyanova, currently working at CERN, remotely joined the masterclass. Meanwhile, 4th-year student Fedir Shyrokopetlev shared insights into his work on data processing for the ALICE experiment, also conducted at CERN.

Following the introductory lectures, Ilya Demydenko familiarized participants with the CMS detector simulation. Later, the students directly processed real data, leading to the 'discovery' of the Higgs boson.

The event concluded with a Zoom conference with representatives from CERN and other participating cities, during which they discussed the obtained results. Students had the opportunity to pose questions to leading experts in the field of high-energy physics.

<https://karazin.ua/en/news/mizhnarodnyi-maister-klas-2024-z-fizyky-elementarnykh-chasty-1/>

# Karazin University presented the results of its work within the framework of the Leaders of University Transformation for Ukraine's Reinvention (LUTUR) program



On March 2, the presentation of the results of the program "Leaders of University Transformation for Ukraine's Reinvention" (LUTUR) took place.

University teams presented their projects, which are the result of their work within the program. Among the participating leading higher education institutions in Ukraine were:

- Zaporizhzhia National University;
- Taras Shevchenko National University of Kyiv;
- Mariupol State University;
- National Technical University "Dniprovsk Polytechnika";
- Lviv Polytechnic National University;
- V. N. Karazin Kharkiv National University.

The project of Karazin University, "Impact of the University on Human Resource Development and Enhancement of the Region's Leadership Potential," aims to create a sustainable space for intellectual development in Kharkiv and shape the vision of Ukraine's future through close cooperation among representatives of science, education, culture, and business.

The pilot cycle of the program is implemented by the British Council in Ukraine in partnership with the Ministry of Education and Science of Ukraine, the Fund of the President of Ukraine for the Support of Education, Science, and Sports, and the Embassy of the United Kingdom in Ukraine, with the participation of leading British and Ukrainian experts. The British partner of the program is Cardiff University.

<https://karazin.ua/en/news/karazinskyi-prezentuvav-rezultaty-roboty-v-nbsp-mezhakh-proh/>

# Karazinites are among the Laureates of the Prizes Awarded by the National Academy of Sciences of Ukraine for the Results of the 2023



On March 6, 2024, the Presidium of the National Academy of Sciences of Ukraine awarded prizes named after prominent Ukrainian scientists for the results of the 2023 competition conducted by the departments of the NAS of Ukraine. Among the scholars from Karazin University, numerous researchers were honored with awards. Specifically, recipients of the B. I. Verkin Prize for establishing a significant dependence of the electro-transport properties of pseudo-gap states of conductors of various origins on external factors included:

- Professor Yuriy Boyko from V. N. Karazin Kharkiv National University
- Dean of the School of Physics at V. N. Karazin Kharkiv National University, Corresponding Member of the NAS of Ukraine Ruslan Vovk
- Graduate of Karazin University, Senior Researcher at the B. I. Verkin Institute for Low Temperature Physics and Engineering of the NAS of Ukraine Andriy Solovyov.

The recipients of the D. V. Volkov Prize for the cycle of works "Scattering, ionization, and electromagnetic radiation processes involving high-energy charged particles in amorphous and crystalline media" included:

- Professor Mykola Bondarenko, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University
- Professor Ihor Kyryllin, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University
- Professor Serhiy Trofymenko, leading researcher at the National Science Center "Kharkiv Institute of Physics and Technology" and the Department of Nuclear and High Energy Physics at V. N. Karazin Kharkiv National University.

The laureates of the S. Ya. Braude Prize for pioneering measurements of the integral spectrum of the Cassiopeia A supernova remnant and participation in the creation of the next-generation Ukrainian radio telescope GURT and the European NenuFAR radio telescope (France) among Karazin graduates included:

- Igor Bubnov, Senior Researcher at the Radioastronomical Institute of the National Academy of Sciences of Ukraine
- Oleksandr Stanislavskyi, Senior Researcher at the Radioastronomical Institute of the National Academy of Sciences of Ukraine.

Congratulations to the prize winners on their well-deserved recognition, and we wish them strength and inspiration for new professional achievements for the benefit of Ukraine!

<https://karazin.ua/en/news/karazintsi-nbsp-mdash-sered-laureativ-premii-nbsp-natsiona/>

# Karazin University Commences Professional Ukrainian Language Courses



Starting from March 7, 2024, Karazin University, through the Center for Postgraduate Education, has commenced training participants in qualification enhancement courses under the certificate educational program 'Ukrainian Language as the State Language in Professional Orientation.'

The educational process involves the participation of academic staff from various departments, including:

- Institute of International Economics and World Economy of the School of Economics;
- Institutes of Propaedeutics of Internal Medicine and Physical Rehabilitation, Infectious Diseases, and Clinical Immunology of the School of Medicine;
- Arthur Holikov Institute of International Economic Relations and Travel Business of the School of International Economic Relations and Travel Business;
- Institute of Physical Education and Sports at Karazin University;
- State Biotechnological University.

During the training, participants will explore the language's patterns that are used in different spheres of social life and directly in their professional activities. They will familiarize themselves with the peculiarities of literary language norms and basic communicative qualities of speech culture, as well as the stylistic resources of contemporary Ukrainian language. Course participants will upgrade their professional competencies in constructing stylistically refined texts and using melodious elements in Ukrainian language in their scientific, pedagogical, and methodological activities.

During the inaugural session, the director of the Center for Postgraduate Education, Mykhailo Tatarinov, conducted a briefing on safety measures during wartime conditions, introduced the schedule of the educational process, the specifics of conducting online sessions under the program, and the use of materials from the respective distance learning course. He also conducted an entrance evaluation, addressed participants' questions, and paid tribute to the memory of Ukrainians who lost their lives since February 24, 2022.

The educational process will continue until May 1, 2024.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-rozpochaly-navchannia-na-nbsp-kursakh-z/>

# Mayor Igor Terekhov Meets with the University Community



The Mayor of Kharkiv, Igor Terekhov, visited Karazin University. During the visit, he met with the Karazin community, including students, school, researchers, and university staff.

Igor Terekhov emphasized that according to the city's master plan developed by the Kharkiv City Council in collaboration with the foundation of British architect Norman Foster, the universities remain the foundation of Kharkiv. Therefore, it is crucial to preserve the city's unique educational and scientific potential.

During the meeting, members of the Karazin community had the opportunity to communicate with the mayor and ask questions. An award ceremony took place, during which the Acknowledgments of the Mayor of Kharkiv were presented to:

- Associate Professor of the Institute of Cultural Theory and Philosophy of Science, School of Philosophy, Katerina Fisun;
- Associate Professor of the Institute of English Philology and Methodology of Teaching Foreign Languages, School of Foreign Languages, Olha Kuznetsova;
- Associate Professor of the Institute of Modeling Systems and Technologies, School of Computer Science, Mariya Rodinko;
- Head of the Institute of Statistics, Accounting, and Audit, School of Economics, Oksana Nesterenko;
- Associate Professor of the Institute of Zoology and Animal Ecology, School of Biology, Tetyana Atemasova;
- Associate Professor of the Institute of Higher Mathematics, School of Physics, Maryna Revyakina;
- Associate Professor of the Institute of the History of Ukraine, School of History, Denys Zhuravlyov;
- Senior Lecturer of the Institute of Applied Chemistry, School of Chemistry, Viktor Tokarev;
- Associate Professor of the Institute of Ukrainian Language, Faculty of Philology, Roman Tryfonov.

University Rector Tetyana Kahanovska, on behalf of the Karazin community, expressed gratitude to Igor Terekhov for the continuous dialogue, assistance, and support, as well as joint efforts to ensure the well-being of Kharkiv.

<https://karazin.ua/en/news/miskyi-holova-ihor-terekhov-zustrivsia-z-nbsp-universytetsko/>



# Karazin University Pays Tribute to the Memory of Taras Shevchenko



On March 9th, V. N. Karazin Kharkiv National University opened its doors to interested applicants!

The event took place in a hybrid format: offline at the premises of Karazin University and online on YouTube and Zoom platforms. Prospective students had the opportunity to explore the opportunities at Karazin University from anywhere in the world. Approximately 2000 applicants joined the event!

Rector Tetyana Kaganovska greeted the future students, emphasizing that Karazin is the heart of Kharkiv. As the oldest university in Eastern Ukraine, it confidently responds to the challenges of the time. According to Tetyana Kaganovska, during times of war, Karazin University does not remain indifferent to current events. New educational programs are introduced, such as physical rehabilitation, medical psychology, and the Academy of Teaching. Karazin understands that the country needs true professionals with innovative approaches. This is what will be taught at V. N. Karazin Kharkiv National University.

Other representatives of the university also participated in the online broadcast:

- Chairman of the Student Council Mykita Kucherov shared insights into student life during times of war and how Karazin students can engage in university communities.
- Chairman of the Admissions Committee Serhii Yeltsov provided information on the admission process for 2024.
- Representative of the International Relations Office Daria Rashchupkina spoke about academic mobility and opportunities for Karazin University students.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-universyteti-vidbuvsia-den-vidkrytykh-dv/>

# Sofia Baletska has Won a Grant from the University of Michigan to Conduct Scientific Research under the ATLAS Project at the CERN Nuclear Research Center



From February 19 to May 25, 2024, Sofia Baletska, a third-year student at the School of Physics of Karazin University, is conducting scientific research under the ATLAS project at the CERN nuclear research center.

The research program includes testing the operation of new detectors that will be deployed on accelerators in the future to register elementary particles during the implementation of the ATLAS project.

This work is a continuation of the successful scientific work that Sofia carried out at the Petra III synchrotron radiation source at DESY (Germany) during the winter school at DESY in February-March 2023.

Congratulations to Sofia and best wishes for further scientific achievements!



# Karazin University held a Workshop "Elementary Particle Therapy"



For the first time in Ukraine, a workshop "Elementary Particle Therapy" was held for senior high school students at the Education and Research Institute "School of Physics and Technology" at Karazin University.

During the event, experts demonstrated the direct impact of fundamental research on medical applications. The high school students were introduced to the actual techniques used in cancer treatment, including the use of X-ray radiation, protons, or carbon ions as a physical knife controlled by software.

Using the professional research software tool matRad, participants were visually guided through various stages of cancer treatment planning. The workshop "Particle Therapy for Cancer" was part of the International Masterclasses in Particle Physics, a flagship project of the International Particle Physics Outreach Group (IPPOG), distributed worldwide.

Karazin University continues to open up the world of scientific research to youth and works on preserving and developing the scientific potential of our country!

<https://karazin.ua/en/news/u-nbsp-karazinskomu-proishov-maister-klas-laquo-terapiia-el/>

# Karazin University is the first among Ukrainian Higher Education Institutions in the HE Higher Education Ranking

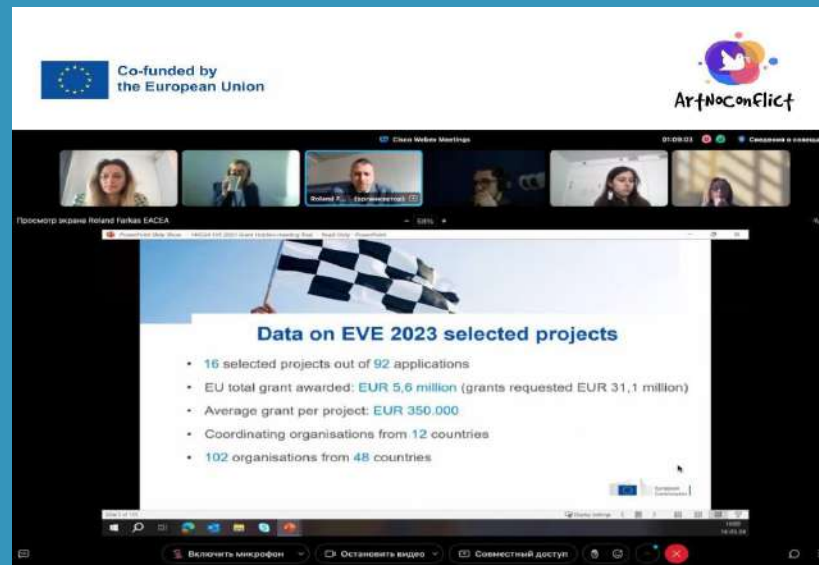


Karazin University has entered the HE Higher Education Ranking, taking the second place in the overall ranking and the first place among 15 Ukrainian universities. In total, 303 higher education institutions from Bulgaria, Georgia, Moldova, Morocco, Germany, Romania, Saudi Arabia, Slovenia, Turkey, Hungary, and other countries were included in the ranking.

The ranking evaluates universities based on 25 criteria, including research work, internationalization, lifelong learning, academic freedom, sustainable development, social and cultural impact of the university, academic transparency, futuristic university concept, and more.

<https://karazin.ua/en/news/karazinskyi-universitytet-mdash-pershyyi-sered-ukrainskykh-zv/>

# The Karazin Team Presented the Project "Art of Negotiation and Conflict Resolution (Mediation) / ArtNoConflict."



On March 14, 2024, a meeting of the winners of the Erasmus+ Virtual Exchanges-2023 projects with representatives of the European Executive Agency for Education and Culture (EACEA) took place.

During the meeting, each team presented their project, including its goals, objectives, consortium, and expected outcomes.

Representatives of the EACEA provided more detailed information on how to use the grant agreement, communication rules with the Agency, financial management, reporting, and amendments. A Q&A session also took place.

The "Art of Negotiation and Conflict Resolution (Mediation) / ArtNoConflict" project was presented by the financial coordinator of the project, Ivett Livius (Dutch Business Academy), and the project's co-coordinator, Yulia Kvitka (Karazin Business School).

<https://karazin.ua/en/news/karazintsi-predstavlyly-proiekt-laquo-mystetstvo-perehovoriv/>

# New Educational Program "Craft Food Technologies in the Restaurant Business" within the specialty of 181 "Food Technologies" (Bachelor's level)



We are pleased to announce that in 2024, Kharkiv University has launched an innovative educational program titled "Craft Food Technologies in the Restaurant Business" within the specialty of Food Technologies (Bachelor's degree). The first enrollment will take place during the 2024 admissions campaign!

The foundation for the development of this important industry and business direction was laid by the university's founder, Vasyl Karazin, and has since evolved with new perspectives and insights.

This modern program is aimed at training highly qualified specialists for food production, capable of solving specialized tasks and practical problems of a technical and technological nature, as well as performing management functions in the production conditions of food industry enterprises and restaurant business at both national and international levels.

The program's advantages include:

- Orienting students towards entrepreneurship and business development.
- Practical training in modern establishments in Ukraine and abroad.
- Participation in international projects on academic mobility.
- Developing skills for starting a business with any investment level for those who wish to develop at a modern pace, create, and utilize innovative technologies.

Join our team in developing food and restaurant business innovations for success!

КАРАЗІНСЬКИЙ УНІВЕРСИТЕТ  
КЛАСИКА, ЩО ВИПЕРЕДЖАЄ ЧАС

Спеціальність  
181 Харчові технології

освітня програма  
«Крафтові  
харчові технології  
в ресторанному бізнесі»  
(бакалаврський рівень)

<https://karazin.ua/en/news/vprovadzhennia-v-nbsp-universyteti-novoi-osvitnoi-prohramy/>

# «Karazin University – for MetroSchool, Kharkiv» the project continues



Educational events for schoolchildren are an important part of Karazin University's work. Our community continuously seeks new opportunities to share knowledge and experience with children. Thus, a new project for lyceums and gymnasiums in the city, "Karazin University - for MetroSchool," was launched in January 2024 by the Center of Post-Qualifying in collaboration with the schools and institutes of Karazin University.

On March 21, representatives of the Schools of History and Chemistry of Karazin University visited the municipal institution "Kharkiv Lyceum No. 104 of the Kharkiv City Council" as part of the project.

Within the framework of the humanitarian educational and scientific cluster, students got acquainted with the School of History of Karazin University. Candidate of Historical Sciences Anastasiia Khoftura delivered a lecture titled "The School of History of Karazin University as a Starting Platform for Qualitative Preparation for National University Admission and Higher Education." And a postgraduate of the Department of Eastern European History, Vladyslav Shchepachenko, presented the scientific-practical block "Archaeology and Its Role in Historical Understanding of the Past. Archaeology in Preparing Students for National University Admission. The Germano-Slavic World: From Antiquity to the Present."

Additionally, introductory remarks were made to the lyceum students by the director of the lyceum, Oksana Teslenko, and the director of the Post-Qualifying Center of Karazin University, Mykhailo Tatorynov. At the end of each cluster, a reflective exercise was conducted to reinforce and internalize the acquired knowledge.

Karazin University continues to actively work and engage lyceum and gymnasium students in education because children are the future of our city, region, and country!

<https://karazin.ua/en/news/laquo-karazinskyi-universytet-nbsp-mdash-uchniam-klasiv/>

# Graduation Ceremony for Participants of the Program "Ukrainian Language as a State Language in Professional Context"



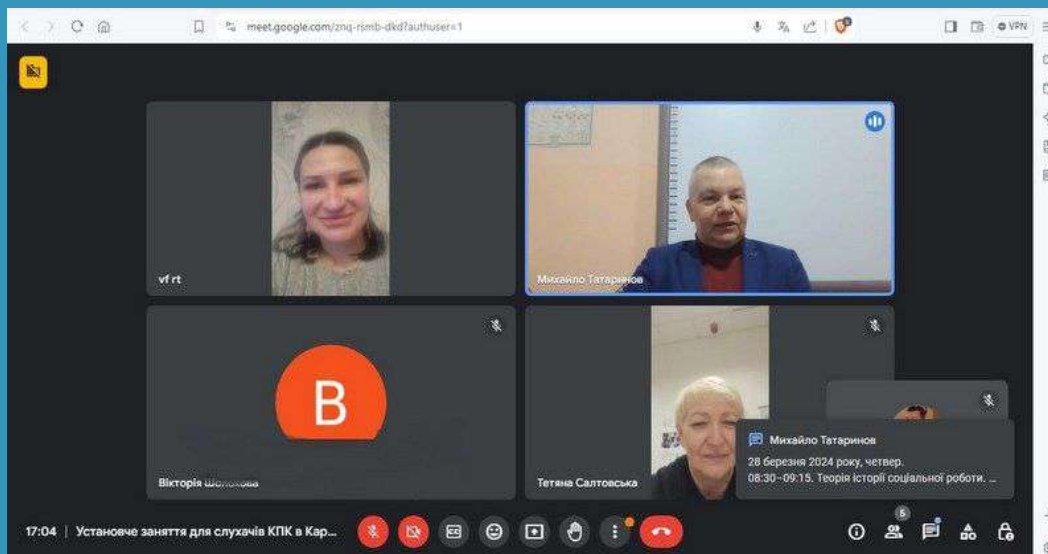
On March 21, 2024, a solemn graduation ceremony for employees of the company AGRO Generation, who were participants of the professional development courses under the certificate educational program "Ukrainian Language as a State Language in Professional Context," took place at Karazin University. The educational process at the Post-Qualifying Education Center from January to March 2024 involved participants mastering 15 relevant topics during lectures, practical sessions, and independent study activities according to the corresponding institutional format. Participants were also engaged in completing practice-oriented tasks related to their specialty at AGRO Generation, which significantly contributed to the modernization of their language and communication competencies.

During the event, Vice-Rector Boris Samorodov congratulated the course graduates, wishing them productive work and excellent health. The Director of the Continuing Education Center, Mykhailo Tatarynov, conducted interactive feedback with the group of course participants, listening to their impressions and evaluation of the professional activities of the instructor - the author of this program, Yuliia Garyunova. He also answered questions regarding further cooperation in the field of continuing education.

The graduates expressed their gratitude to the administration of Karazin University for creating favorable and flexible psycho-pedagogical and organizational conditions during their training in the professional development courses. At the end of the event, Boris Samorodov and Mykhailo Tatarynov presented the participants with documents certifying their completion of the professional development program.



# Karazin University Launches Professional Development Courses for Various Categories of Non-formal Education Participants



From March 25, 2024, Karazin University has started professional development courses for various categories of participants in English language courses, physical education for instructors in preschool education institutions, and social workers, including those from the affected community.

The training will take place at the Center for Postgraduate Education until April 8, 2024, with the active participation of leading academic and pedagogical staff of the Department of Social Management of the School of Sociology, the Department of Physical Education and Sports of the University, as well as external partners in the postgraduate education system: municipal institutions "Preschool Educational Institution (Nursery-Kindergarten) No. 427", "Kharkiv Gymnasium No. 77" of the Kharkiv City Council.

During the inaugural session, participants familiarized themselves with the content of safety briefings in wartime conditions, became acquainted with the specifics of the educational process according to diversified educational programs, and underwent entrance assessments.

<https://karazin.ua/en/news/u-karazinskomu-rozpochato-pidvyshchennia-kvalifikatsii-rizny/>

# Karazin University at "MetroSchool": Meeting with Schoolchildren



The "MetroSchool" hosted career guidance events for high school students from all districts of Kharkiv. Each school and institute prepared presentation exhibitions for 10th and 11th graders from the city.

Traditionally, Karazin University holds several Open Days and career guidance events to allow schoolchildren to learn more about potential specialties and professions.

This time, during school holidays, meetings were held with children at "MetroSchool" - a safe place where young Kharkiv residents study. The realities of the time require changing locations for safety. However, the desire to share knowledge, learn, and teach future professionals remains unchanged!

The exhibition lasted for 3 hours, during which representatives of schools and institutes had time to talk about the advantages of studying at the university and the features of educational programs. They also demonstrated experiments, scientific devices, and long-term achievements. Each student had the opportunity to communicate with the Student Council, students, teachers, deans of schools, and institute directors.

In total, about 400 high school students joined the event. Representatives of the public relations center managed to talk to some students.

<https://karazin.ua/en/news/karazinskyi-u-nbsp-laquo-metroshkoli-raquo-zustrich-zi-nb/>

# Karazin University's PhD Students and Young Researchers meet with Deputy Minister of Education and Science of Ukraine Mykhailo Vynnytskyi



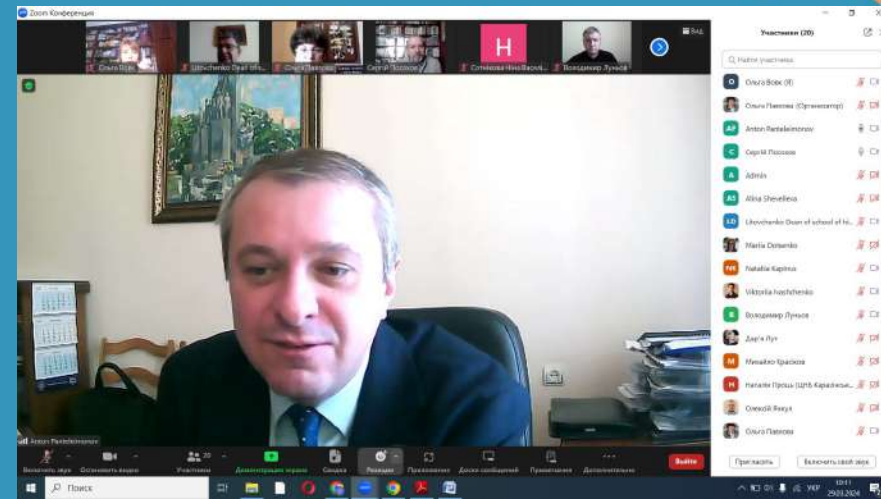
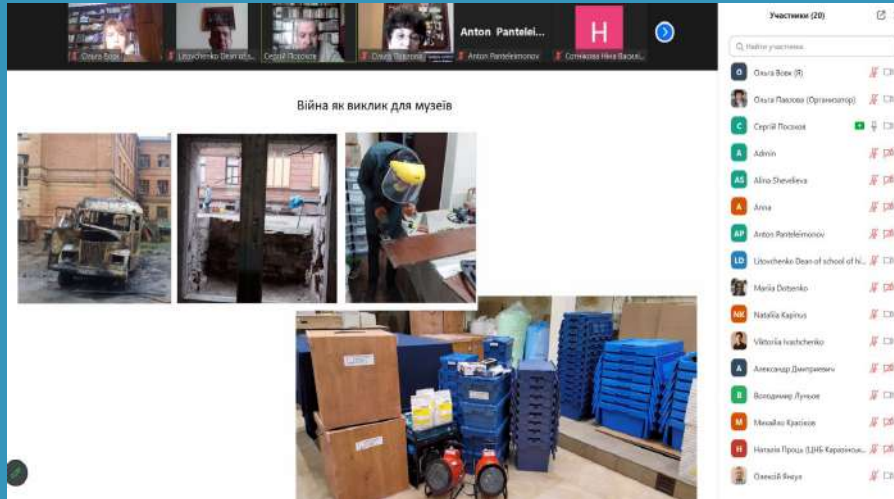
On March 28, at the initiative of the university's graduate students, a meeting was held with the Deputy Minister of Education and Science of Ukraine, Mykhailo Vynnytskyi. The meeting took place in an open dialogue format. Graduate students had the opportunity to ask their questions, including those regarding:

- Ministry of Education projects;
- Support and employment of graduate students after defending their dissertations;
- Support for research by young scientists;
- New admission rules for graduate studies (including EIT);
- Introduction of the "graduate student card" - a unified identification for graduate students;
- The future of Kharkiv as a student city and a powerful scientific center.

We sincerely thank Mr. Mykhailo iPhone for the constructive dialogue, support, openness to communication, and the time devoted! Together - towards Victory!

<https://karazin.ua/en/news/zustrich-aspirantiv-ta-nbsp-molodykh-uchenykh-karazinskoho-u/>

# The Lunyov Readings "Ways and Methods of Enriching Museum Collections: History and Modern Experience" took place at Karazin University



On March 29th, the XV Lunyov Readings "Ways and Methods of Enriching Museum Collections: History and Contemporary Experience" took place at the School of History of Karazin Kharkiv National University.

The event was co-organized by the historical faculty, the Department of Historiography, Source Studies and Archaeology, the Center for Ukrainian Studies and Local Lore named after academician P.T. Tron'ko, and the Department of Ukrainian Studies named after D.I. Bagaliy of Karazin Kharkiv National University.

The annual conference is dedicated to the memory of the prominent Ukrainian educator, museum expert, art historian, and graduate of the School of History of Karazin Kharkiv National University, Afanasiy Fedorovych Lunyov (1919–2004). This modest rural teacher gained fame by founding a unique rural historical and artistic museum in the village of Parkhomivka in Krasnokutskyi district and, together with his students, gathered a collection of world-class artworks there.

The conference took place in an online format and was attended by researchers from higher education institutions, museum experts, art historians, historians, librarians, and local lore specialists from Kharkiv and the Kharkiv region, as well as other cities of Ukraine.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-vidbulysia-lunovski-chytannia-nbsp-laqu/>

# Final of the All-Ukrainian Student Olympiad in Physics



From March 24th to 29th, 2024, the IV (final) stage of the All-Ukrainian Student Olympiad in Physics took place in the city of Ivano-Frankivsk. Eight students from Kharkiv region participated in the IV stage of the Olympiad. Among 5 winners of the Olympiad, 4 students from educational institutions in Kharkiv achieved victory, thanks to the efforts of experienced mentors from Karazin University.

Students of Doctor of Physical and Mathematical Sciences, Honored Teacher of Ukraine, Professor of the School of Physics at Karazin University, Zakhar Maizelis, received diplomas:

- II degree — Victoria Borziy, 8th-grade student of the Kharkiv Lyceum No. 161 "Impulse" of the Kharkiv City Council;
- III degree — Anna Belyaeva, Anton Bukhtiy, 11th-grade students of the Kharkiv Lyceum No. 161 "Impulse" of the Kharkiv City Council.

Also, Anton Matyash, an 11th-grade student of the Kharkiv Physics and Mathematics Lyceum No. 27 of the Kharkiv City Council, received a diploma of the III degree. The teacher is a graduate of Karazin University, Hero of Ukraine, Honored Teacher of Ukraine, Candidate of Physical and Mathematical Sciences, Ilyya Gelfgat.

Congratulations to the students and their teacher-mentors! We wish them new achievements and successes!

<https://karazin.ua/en/news/final-vseukrainskoi-uchnivskoi-olimpiady-z-nbsp-fizyky/>

# Karazinites are among the Representatives of Ukraine at the International Student Physics Tournament



From April 2 to 6, the International Physics Tournament, one of the most prestigious competitions for physics students worldwide, is taking place in Zurich, Switzerland.

The Ukrainian team has been participating in these tournaments annually since its inception. The first tournament was held in Ukraine in 2009. Over the past 15 years, the Ukrainian team has been among the top three winners 10 times, a success matched only by the French team. The war significantly worsened the conditions for preparing Ukrainian teams: they had to train online, almost without access to experimental laboratories, with a focus on the female composition of the team and leaders. However, the tournament, as always, is supported by its fans.

Two students from Karazin University played in the Ukrainian team: Vlada Fandieieva from the School of Physics and Stanislava Litvinova from the Research Institute of Physics and Technology, with two graduates of the Research Institute of Physics and Technology, Kseniia Minakova (currently an Associate Professor at NTU "KhPI") and Anastasiia Haieva (volunteer), serving as team leaders.

The Ukrainian team showed a better result than nine other national teams, including those from the UK, Spain, and Denmark. Based on the results of the qualifying matches, the Ukrainian team ranked 12th out of 21 participating teams and did not advance to the semifinals.

We express our gratitude to the team leaders and everyone who helped in preparation. It is extremely important that the tradition continues, that invaluable tournament experience is passed on to the next generations to carry the torch forward! Many thanks to the fans for their unwavering support!

<https://karazin.ua/en/news/karazintsi-nbsp-mdash-sered-predstavnykiv-ukrainy-nbsp-na/>

# The International Scientific and Practical Conference "Yakubynska Scientific Session"



On April 5th, the XVIII International Scientific and Practical Conference "Yakubynska Scientific Session" took place at Karazin University.

This year, the "Yakubynska Scientific Session" was dedicated to the 95th anniversary of the birth of the founder of sociology of the local, the founder of the Kharkiv Sociological School, Professor Olena Oleksandrivna Yakuby. According to Vil Bakirov, about Mrs. Olena: "Olena Oleksandrivna was a bright star in the constellation of sixties sociologists who taught the totalitarian society to pronounce, albeit with difficulty, the word 'sociology'."

This year's conference covered the topic of society during wartime, specifically focusing on the theme: "Language of War: Academic, Media, Artistic, and Everyday Discourses." The conference was organized by the Kharkiv branch of the Sociological Association of Ukraine and the School of Sociology of Karazin University.

Opening remarks were also delivered by the Dean of the School of Sociology, Olena Muradyan, academician of the National Academy of Sciences of Ukraine Vil Bakirov, and Professor Liudmyla Sokuryanska.

As emphasized by Olena Muradyan, since 2022, Karazinites have expressed hope at every conference that next time everyone will be able to meet in person rather than in the virtual space. She quoted the words of Olena Oleksandrivna, which describe contemporary sociologists in Ukraine: "A sociologist needs the qualities of a fighter to defend his independence as a researcher of modern processes and overcome various forms of ideological and political pressure."

We are confident that our joint desire will come true as soon as possible, and the development of science will contribute to the bright future of Ukraine!

<https://karazin.ua/en/news/mizhnarodna-naukovo-praktychna-konferentsiia-laquo-iakubyns-3/>

# Karazin University Participated in a Meeting of the International Consortium of Universities (CUMAI)



International cooperation is one of the main directions of Karazin University's activities. Participation in the international consortium of universities CUMAI will allow us to adopt experience and attract funding from the United States for the development of higher education institutions, the creation of a virtual entrepreneurship development center, the development of risk management standards, and assistance in the reintegration of war veterans.

On April 8, 2024, a meeting took place at the U.S. Embassy in Ukraine with Mark Sigel, a staff member of the University of California, San Diego, and representatives of 8 Ukrainian HEIs participating in the consortium between Ukrainian and Moldovan universities with the University of California, San Diego (CUMAI).

The U.S. Embassy in Ukraine was represented at the meeting by Assistant Press, Education, and Culture Attaché Erin Cowzens and Education Specialist Vera Ternovska. From Karazin University, the meeting was attended by Volodymyr Rodchenko, Director of the School of Business, and Yulia Kvitka, Associate Professor of the School of Business responsible for international cooperation.

During the meeting, issues related to supporting the activities of the newly created consortium of universities (CUMAI) were discussed, including the transformation of higher education following the example of the United States, assistance to the population and veterans with PTSD, the development of business education, and cultural and technological cooperation.

Agreements were reached on the widest possible involvement of the American academic, grant, and business communities in project initiatives (CUMAI). We continue our joint work!

<https://karazin.ua/en/news/karazinskyi-doluchyvysia-do-nbsp-zustrichi-nbsp-mizhnarodnoho/>



# Karazin University Reminds you of the Opportunity to Continue Studying Even during Power Outages



Students, faculty, and staff at Karazin University are already working in a safe space on campus with electricity and internet.

Currently, the situation with electricity shortages in the city is very challenging. The university is also experiencing issues with power outages, but we are doing everything possible to avoid interrupting the educational process.

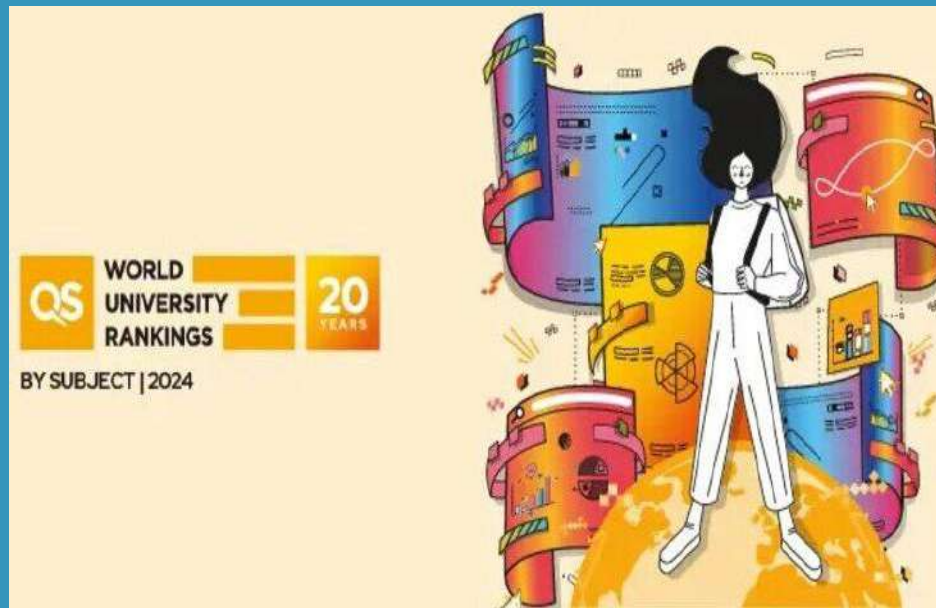
We have managed to organize a safe learning environment equipped with light and internet access.

If you have an upcoming deadline for submitting coursework or are concerned about attending classes, we suggest taking advantage of this opportunity. All you need to do is reserve your spot in advance.

Please send an email to [opershtab@karazin.ua](mailto:opershtab@karazin.ua) or use the Telegram bot, providing your full name, school, date, and time of your visit.

<https://karazin.ua/en/news/karazinskyi-nahaduie-pro-nbsp-mozhlyvist-bezpechno-navchatys/>

# Каразінський Kharkiv University is featured in the QS World University Rankings by Subject 2024



On April 10, 2024, the latest edition of the QS World University Rankings by Subject 2024 was released. The rankings included 1,559 higher education institutions from around the world, evaluated across 55 subjects in 5 broad subject areas.

Karazin University made it into two subject rankings: "Computer Science and Information Systems" and "Physics and Astronomy." In the field of "Computer Science and Information Systems," the university holds a position within the range of 601–650, and in "Physics and Astronomy," it holds a position within the range of 501–500.

<https://karazin.ua/en/news/karazinskyi-universytet-nbsp-mdash-u-nbsp-predmetnykh-reit/>

# Professor Igor Hirka took part in the First German Studios on Electron Cyclotron Resonance Heating and Gyrotrons



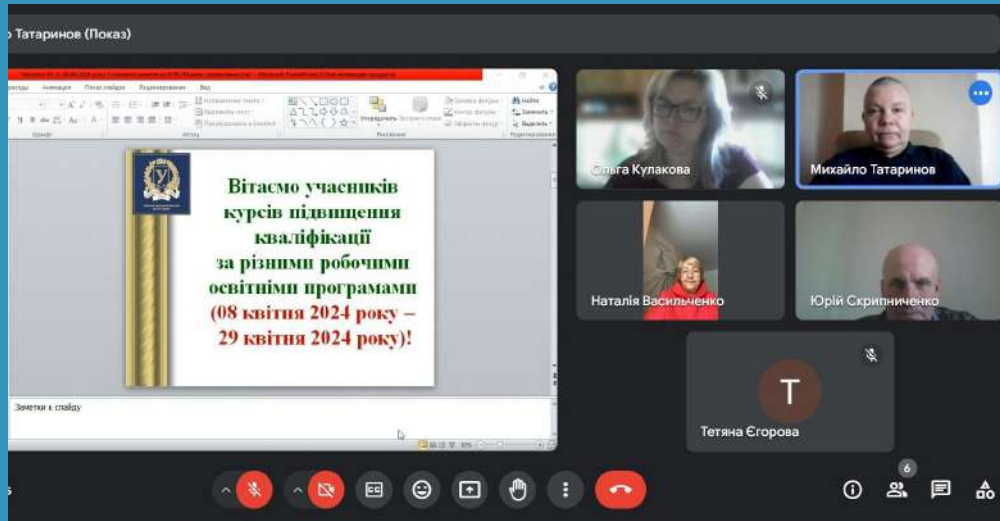
Karazinites continue to expand the horizons of science!

From April 10th to 12th, 2024, Professor Igor Hirka from the Education and Research Institute of the School of Physics and Technology participated in the First German Studios on Electron Cyclotron Resonance Heating and Gyrotrons.

The scientist presented the results obtained through cooperation with the Honorary Doctor of Karazin University, Professor at the Karlsruhe Institute of Technology (Germany), Manfred Thumm, which were published in two recent articles in the journal Physics of Plasmas.

<https://karazin.ua/en/news/profesor-ihor-hirka-vziav-uchast-u-nbsp-pershykh-nimetskykh/>

# Karazin University Continues its Work with Teachers and Educators



Karazin University has been providing professional development for many years, enabling them to deliver personalized and socially oriented education to students. This direction remains one of the main focuses of the university's activities.

Karazin University has launched training courses for teachers and educators from educational institutions in various districts of Kharkiv, one of the de-occupied rural districts of the Kharkiv region, and Odessa.

The educational process in the professional development courses, conducted by the Center for Postgraduate Education, is facilitated by highly qualified academic and pedagogical staff from the Department of Ukrainian Literature History at the School of Philology, departments of the School of Mathematics and Computer Science, as well as the university's permanent external partner, Kharkiv Lyceum No. 46 of the Kharkiv City Council.

During the training, participants engage in online lectures, familiarize themselves with the methodologies for the new model programs for future 7th grade students of the "New Ukrainian School," develop working educational programs based on them, and participate in a series of practical sessions and trainings on current scientific and pedagogical achievements and discoveries, conducted by representatives of Karazin University's researchers.

<https://karazin.ua/en/news/karazinskyi-universytet-prodovzhuie-robotu-z-nbsp-uchyteliam/>

# The Excursion "Journey to the Maya World: Yuri Knorozov - Genius from Kharkiv Region"



The museums of Karazin University carefully preserve the monuments of history and cultural heritage of our people so that everyone can delve into the secrets of the past.

In the History Museum of Karazin University, an excursion for Kharkiv residents titled "Journey to the Maya World: Yuri Knorozov - Genius from Kharkiv Region" took place, organized as part of the "Intellectual Travels Initiative" project in collaboration with the Kharkiv Regional Tourist Information Center.

The museum's exhibition immersed visitors in the atmosphere of the university's past, and the paths of our alma mater's rich and captivating history were guided by the junior research fellow of the university's history museum, Anastasiia Shapovalova. Visitors were particularly intrigued by the museum's unique exhibit - a fully wooden microscope. Visitors learned about the traditions of awarding the title of Honorary Doctor, the Higher Women's Courses, which served as a starting point for women to obtain higher education, and about the inventions of devices by students and professors of the university.

University guests listened to a brief story about Yuri Knorozov's contribution to deciphering Maya script and visited a virtual exhibition, where they familiarized themselves with the researcher's personal file and learned interesting facts.

<https://karazin.ua/en/news/ekskursiia-laquo-podorozh-u-nbsp-svit-maia-iurii-knorozov/>

# Representatives of Karazin University Participated in the International Teaching Days as part of the Erasmus+ Program



The International Teaching Days event, organized by the University of Applied Sciences IMC Krems (Austria) within the framework of the EU Erasmus+ program, took place.

From April 9th to 13th, over 30 international professors and experts shared their experience with Austrian students. This event is an important step towards internationalization and a great opportunity to combine knowledge and experience from different countries and academic disciplines.

International Teaching Days serve not only as a platform for academic exchange among students and staff but also as cultural enrichment, making the network of partner universities valuable and unique.

Representatives of the Karazin Banking Institute of V.N. Karazin Kharkiv National University presented:

Deputy Director of the Institute, Associate Professor Valeriia Kochorba with a guest lecture on "Organization of risk management systems in banks"; Professor of the Department of Banking Business and Financial Technologies, Associate Professor Valeriia Baranova with a guest lecture on "Digital transformation."

Participation in academic mobility programs provides an opportunity to create an international educational environment and prepare our students for the challenges of the globalized world. These were unique days, filled with engaging discussions, innovative teaching approaches, and the opportunity to expand communication and friendly relations!

We thank our colleagues for their understanding and unwavering support of our country in such challenging times. This motivates and inspires us to develop, share experiences, and confidently move towards our Victory!

<https://karazin.ua/en/news/predstavnyky-karazinskoho-doluchylysia-do-nbsp-international/>

# The V. M. Voyevodin International Scientific and Technical Conference "Issues of Modern Nuclear Energy" has started at Karazin University



The conference moderator was the head of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI" Serhiy Lytovchenko. Kharkiv has always been one of the main centers of nuclear physics and energy development, and Karazin University is among the leading institutions where research and education in the field of nuclear physics are promoted and conducted.

The International Scientific and Technical Conference named after V. M. Voyevodin "Issues of Modern Nuclear Energy" started at the university and will last until April 19.

The conference was organized by the NGO "Ukrainian Nuclear Society", the National Science Center "Kharkiv Institute of Physics and Technology", and V. N. Karazin Kharkiv National University.

The opening remarks to the conference participants were delivered by the Deputy Director General for Scientific Work of the NSC "KPTI", Professor of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI", Academician of the National Academy of Sciences of Ukraine Mykola Azarenkov, Vice-Rector of Karazin University Anton Panteleimonov, Executive Secretary of the NGO "UkrNYS" Danylo Lavrenov, and Director of the NRC "Nuclear Fuel Cycle" of the NSC "KPTI" Volodymyr Krasnorutskiy. Members of the presidium wished the participants fruitful work and interesting discussions.

The conference moderator was the head of the Department of Reactor Materials and Physical Technologies of the NSC "KPTI" Serhiy Lytovchenko.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-startuvala-mizhnarodna-nbsp-naukovo-tekh/>

# Meeting with Advisor of the Permanent Mission of Ukraine to the UN Serhii Dvornyk



Karazinites continue to learn from real professionals! On April 17, 2024, an online meeting took place with Advisor of the Permanent Mission of Ukraine to the UN, Serhii Dvornyk, and university students.

The theme of the event was "Ukrainian Diplomacy in Defending Ukraine's National Interests at the UN." Consolidating the international community in defense of Ukraine's state sovereignty and territorial integrity is a critically important task for Ukrainian diplomacy. While the UN serves as a global platform for international interaction and cooperation among states, addressing issues of peace, security, development, and human rights.

Students actively showed interest and asked questions aimed at revealing the main tasks of Ukrainian representation at the UN, methods of cooperation with delegations of "Global South" countries to ensure support for necessary resolutions for Ukraine. They also inquired about Mr. Serhii's personal opinion on the role of the UN in post-war state rebuilding and opportunities to increase assistance to Ukraine.

The speaker shared his own work experience, provided advice for students considering a future in diplomacy and international relations. This event marks an important step in cooperation between Karazin University and the Permanent Mission of Ukraine to the UN.

The university expresses sincere gratitude to the Permanent Mission of Ukraine to the UN and personally to Serhii Dvornyk. We look forward to future meetings.

<https://karazin.ua/en/news/zustrich-z-nbsp-radnykom-postiinoho-predstavnytstva-ukrainy-1/>



# Andrii Khorunzhy is the Winner of the International Linguistic and Literary Competition among Students named after Taras Shevchenko



We take pride in the achievements of our Karazin students and celebrate new victories!

Andrii Khorunzhy, a third-year student of the School of Philology, has been awarded the third prize diploma at the XIV International Language and Literary Competition after Taras Shevchenko. He emerged victorious in the final competition among students of higher education institutions in the humanities field.

Andrii is a talented young researcher, the author of over 10 research publications, and an active participant in student life. He fulfills the duties of the head of the Scientific Society of the School of Philology and is a member of the Student Council.

Congratulations to Andrii, and we wish him further success and accomplishments!

# University Graduate Polina Kofman has been Awarded a Grant from the American Physical Society



In 2023, Polina Kofman, a graduate of the School of Physics and Technology, received a grant (APS Distinguished Student Program for Ukraine, supported by the Alfred P. Sloan Foundation) from the American Physical Society (APS) for Ukrainian students.

This grant enabled Polina to present at the APS March Meeting in Minneapolis. Her presentation focused on physical qubits and built upon ideas from an article published in Physical Review Letters last year. The presentation showcased theoretical research results on a two-level system interacting with a two-dimensional transistor-like optical platform. With the support of APS, Polina joined 13,000 physicists in Minneapolis.

Polina Kofman is currently a Ph.D. student at the B.I. Verkin Institute for Low-Temperature Physics and Engineering of the National Academy of Sciences of Ukraine in Kharkiv. In 2023, she graduated from the university with honors, being selected as the best graduate of the School of Physics and Technology 2023. At the time of her graduation, she was already a co-author of a paper in the journal Scientific Reports, received the President of Ukraine Scholarship, a scholarship for internships at the Riken Institute (Japan), and won the International Physics Student Tournament in 2021. Therefore, the institute's faculty and her Ph.D. supervisor, a graduate of the School of Physics and Technology, Doctor of Physical and Mathematical Sciences Sergiy Shevchenko, always believed in Polina's success and are proud of her achievements.

Congratulations to Polina, and we wish her discoveries and accomplishments!

<https://karazin.ua/en/news/vypusknysia-universytetu-nbsp-polina-kofman-zdobula-hrant-v/>

# International Scientific and Practical Conference "Trends in the Development of Pedagogy and Education in the Era of Digital Transformations" (ByteEd 2024)



V. N. Karazin Kharkiv National University puts significant efforts into the development of pedagogy and education, implementing innovative approaches and technologies into the educational process. In the era of digital transformations, the academic activities of the university contribute to the formation of modern teaching methods and the preparation of qualified specialists ready to meet today's challenges.

From April 17 to 19, the Institute of International Education initiated and acted as the main organizer of the First International Scientific and Practical Conference "Trends in the Development of Pedagogy and Education in the Era of Digital Transformations" (ByteEd 2024). The conference was attended by about 300 participants from 12 countries around the world: Ukraine, Great Britain, France, Ireland, Poland, Slovakia, Bulgaria, Turkey, Latvia, Israel, Kazakhstan, and China.

At the beginning of the plenary session, the participants were greeted by Anton Panteleimonov, Vice-Rector of Karazin University, and Yaroslav Kichuk, Rector of Izmail State Humanitarian University. The presentations were delivered by prominent scientists and educators, including Josef Zatko (Slovak Republic), Peter Plavchan (Slovak Republic), Marina Grynova, Olena Karaman, Nataliia Aristova, Lilia Hrynevych, Jade McGlenn (Great Britain; Washington, USA), Maria Christiani (France), as well as many other local and foreign scholars.

During the session, reports were presented on the mission of a modern teacher in Ukrainian society, the peculiarities of teacher training and educational activities organization in foreign educational institutions, directions of pedagogical research, and digital transformation of education, among other topics.

<https://karazin.ua/en/news/mizhnarodna-naukovo-praktychna-konferentsiia-nbsp-laquo-ten/>

# Karazin University Participated in the All-Ukrainian Forum "Science, Ethics, Research."



The All-Ukrainian Forum "Science, Ethics, Research" took place in Lviv on April 19–20, with participants including representatives of scientific societies from various cities of Ukraine. Karazin University was represented by a graduate student from the School of Physics, Lyubov Paschenko.

Over the course of two days, young scientists discussed the development of science and its ethical aspects, learned about opportunities for grants and funding, and engaged in discussions about the role of commerce in science. They also participated in workshops on building scientific profiles, developing international academic connections, and writing scientific papers, as well as had the opportunity to network.

At the end of the forum, members of scientific societies from more than 10 universities in Ukraine presented their activities, talked about research institutions and laboratories operating within their higher education institutions that could be used for joint research.

Participants of the meeting discussed opportunities for future cooperation and the creation of specialized student journals and joint projects.

<https://karazin.ua/en/news/karazinskyi-nbsp-mdash-sered-uchasnykiv-vseukrainskoho-for/>

# Всеукраїнський відкритий турнір юних фізиків (юніорська ліга): підбиття підсумків



З 19 до 21 квітня проходив в онлайн-форматі 24-й Всеукраїнський відкритий турнір юних фізиків (юніорська ліга).

До турніру долучилися 7 команд із Києва, Луцька та Харкова.

Переможцями турніру стали команди «Момент імпульсу» та «Обдарованість», які отримали однакову найвищу суму балів.

Перша команда була збірною: у її складі були учні Харківського ліцею № 161 «Імпульс» та Харківського фізико-математичного наукового ліцею № 27. Команду готував до турніру професор фізичного факультету університету Захар Майзеліс.

Друга команда представляла Харківський науковий ліцей-інтернат «Обдарованість».

До складу журі турніру увійшли, зокрема, й представники каразінської спільноти: Герой України Ілля Гельфгат, директор навчально-наукового інституту «Фізико-технічний факультет» Пилип Кузнєцов, професор фізичного факультету Олексій Голубов, випускники університету Ксенія Мінакова, Світлана Федченко, Олександр Камін та Ігор Ненашев, студенти Станіслава Літвінова і Роман Овсянніков.

Головою журі традиційно був професор навчально-наукового інституту «Фізико-технічний факультет» Ігор Гірка.

Дякуємо організаторам турніру та керівникам команд, які плідно попрацювали над підготовкою команд до турніру. Сподіваємося побачити учасників юніорської ліги на дорослому турнірі, а згодом і в аудиторіях Каразінського!

<https://karazin.ua/news/vseukrainskyi-vidkrytyi-turnir-iunykh-fyzykiv-iuniorska-lih/>

# Students of the School of Medicine Participated in an Internship in Medical Microbiology in Germany



As part of the academic mobility program under the memorandum of cooperation with the University of Regensburg, second-year students of the School of Medicine of Karazin University participated in an internship in medical microbiology.

Students enhanced their knowledge of bacterial differentiation methods, independently performed Gram staining and microscopy of specimens, learned the technique of Ziehl-Neelsen staining, conducted microscopic observation of bacteria in real-time, and improved their knowledge of spore and capsule microscopy.

Within the program, the students studied the biochemical properties of bacteria, conducted bacterial testing for antibiotic resistance, and PCR analysis of nasal swabs for MRSA.

During the practical training, they improved their skills in using light and fluorescent microscopy and acquired many other practical skills.

With the support of the Dean of the School of Biology and Preclinical Medicine, Professor Ralph Witzgall, and with the direct involvement of Dr. Robert Reichheld and the Coordinator of the Department of Medical Microbiology, Dr. Benedict Asbach, Karazin students not only deepened their theoretical knowledge of medical microbiology but also practically improved their skills and mastered methods of preparing microbiological preparations and their microscopy.

<https://karazin.ua/en/news/studenty-medychnoho-fakultetu-vzialy-uchast-u-stazhuvanni-z/>

# Series of In-person Physiology Classes for Medical Students in Accordance with the Cooperation Memorandum with the University of Regensburg



As part of the student exchange program, second-year students from the School of Medicine of Karazin University participated in a series of in-person physiology classes based on the cooperation memorandum with the University of Regensburg.

With the support of the Dean of the School of Biology and Preclinical Medicine, Professor Ralph Wittig, and the participation of Professor Frank Schwed from the University of Regensburg, Karazin students were introduced to German standards in higher medical education. Associate Professor Vera Shekh from the Department of Human and Animal Physiology of the School of Biology of Karazin University, who is on scientific and pedagogical internship for teachers at the University of Regensburg, also joined the classes.

The future doctors independently performed laboratory work on ECG registration and analysis, blood flow in arterial and venous vessels, heart activity regulation, local and systemic blood circulation, cardiovascular and respiratory system physiology, sensory system studies, physiological basis of behavior, and blood system physiology.

Practical skills training was conducted using modern equipment, including an electrocardiograph, an adjustable table with tilt, Goldman's perimeter projector, a soundproof booth for hearing tests, express blood group test, spirometer, tonometer, electromyograph, and more.

We are delighted to create opportunities for our students and implement practical classes even under such challenging circumstances!

<https://karazin.ua/en/news/tsykl-ochnykh-zaniat-z-fiziologii-dlia-studentiv-medykiv-zgh/>

# The Karazin Scientific Journal "Financial and Credit Systems: Perspectives of Development" has been included in the List of Scientific Professional Publications of Ukraine in category "B"



According to the Order of the Ministry of Education and Science of Ukraine "On Approval of Decisions of the Attestation Board of the Ministry of Education and Science of Ukraine" No. 582 dated April 24, 2024, the scientific journal "Financial and Credit Systems: Perspectives of Development" of V.N. Karazin Kharkiv National University has been included in the list of scientific printed periodicals belonging to the List of scientific professional publications of Ukraine, which are assigned the category "B".

The journal can publish the results of dissertation research for obtaining scientific degrees of Doctor of Sciences, Candidate of Sciences, and the degree of Doctor of Philosophy in Economics in the following specialties:

- 051 Economics;
- 292 International Economic Relations;
- 071 Accounting and Taxation;
- 072 Finance, Banking, Insurance, and Stock Market;
- 073 Management;
- 075 Marketing;
- 076 Entrepreneurship and Trade.

The publication is issued four times a year.

The Editor-in-Chief is Doctor of Economics, Professor Borys Samorodov.

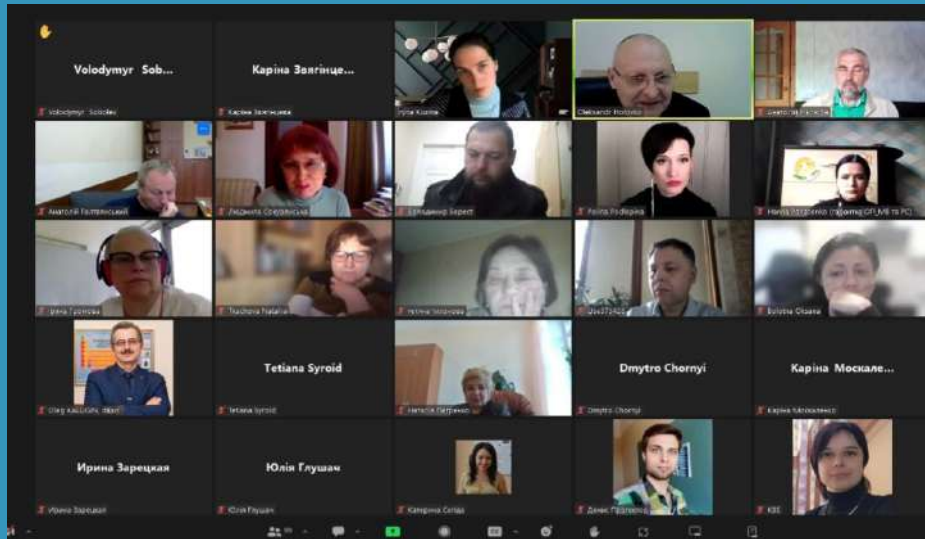
The editorial boards of university periodicals invite Karazin scholars, the scientific community of Ukraine, and scholars from around the world to collaborate. All materials are published on the website "Scientific Periodicals of Karazin University."



<https://karazin.ua/en/news/karazinskyi-naukovyj-zhurnal-laquo-finansovo-kredytni-syste/>



# Conference on Accreditation of Educational Programs: Key Discussion Aspects



On April 24, 2024, a regular conference on the accreditation of educational programs took place at Karazin University.

The conference was conducted in an online format. The moderators of the meeting were the Vice-Rector for Research and Teaching, Oleksandr Holovko, and the leading specialist of the Department of Methodological and Accreditation Work, Iryna Hromova.

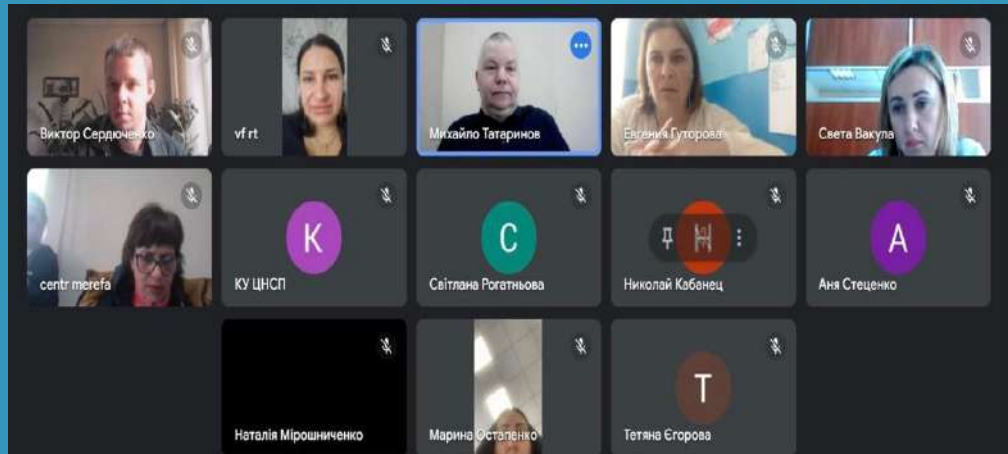
This time, the participants of the seminar-conference considered two issues related to the challenges faced by the guarantors of educational programs when filling out information for self-assessment of the educational program:

- "Learning through research" - as the tenth criterion for assessing the quality of the educational program of the third (educational-scientific) level. Speaker: Head of the Department of International and European Law, School of Law, Tetiana Syroid.
- "Organization and conduct of surveys of stakeholders of educational programs: graduates, applicants, employers." Speaker: Associate Professor of the Department of Methods of Sociological Research, School of Sociology, Irina Kuzina.

The discussion involved over 120 participants, including program guarantors responsible for the preparation of higher education seekers at the university and leading academic staff of Karazin University.

<https://karazin.ua/en/news/seminar-narada-z-pytan-akredytatsii-osvitnikh-prohram-kliuc/>

# Professional Development for Social Service Workers of Kharkiv Region Begins at Karazin University



On April 25, Karazin University began the professional development training for a new group of participants under the educational program "Social Work" (specialty 231). The participants include employees from social service centers (departments) and agencies from 6 cities, 5 townships, and 4 rural councils in the Bohodukhiv, Iziurm, Lozova, Kharkiv, and Chuhuiv districts of Kharkiv region. These employees provide social support and practical work with various population groups. Among the learners are representatives of territorial communities from de-occupied regions of the area.

This initiative at the university is carried out in cooperation with the Kharkiv Regional Center for Social Services.

During the first session, the director of the Center for Postgraduate Education, Mykhailo Tatarynov, introduced the participants to the specifics and details of the educational process, conducted an introductory briefing on health and safety, addressed participants' pressing questions, and facilitated an exchange of views on the organization, implementation, and scientific-methodological support of social services with different population categories in the region, including internally displaced persons. Social service workers participating in the professional development courses proposed a list of current and urgent issues needing immediate resolution during the training and actively engaged in the initial evaluation.

The educational process for this category of social workers will be further provided by the academic staff of the Department of Sociology of Management and Social Work, the authors of the working educational program in specialty 231 "Social Work," including the Head of the Department, Iryna Yevdokymova, and Associate Professors Olena Plakhova and Svitlana Sadrytska.

The training for course participants will continue at the University's Center for Postgraduate Education until May 15, 2024.

<https://karazin.ua/en/news/u-karazinskomu-rozpochato-pidvyshchennia-kvalifikatsii-prats/>

# Karazin Scientists were Elected as Full Members (Academicians) and Corresponding Members of the National Academy of Sciences of Ukraine



On April 25, 2024, a session of the General Assembly of the National Academy of Sciences of Ukraine took place, during which full members (Academicians) and corresponding members of the National Academy of Sciences of Ukraine were elected.

Among them are the members from Karazin University, specifically:

- Corresponding member of the National Academy of Sciences of Ukraine, Dean of the School of Physics, Professor Ruslan Vovk, was elected a full member (academician) of the National Academy of Sciences of Ukraine in the Department of Physics and Astronomy, specializing in "Physics of Nanosystems".
- Professor and leading researcher at the Educational and Research Institute "Physical-Technical School" Ihor Denysenko was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Nuclear Physics and Energy, specializing in "Plasma Physics".
- Professor and Head of the Department of Space Radiophysics of the School of Radiophysics, Biomedical Electronics, and Computer Systems, Leonid Chornogor, was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Physics and Astronomy, specializing in "Space Physics".
- Professor of the Department of Fundamental Mathematics of the School of Mathematics and Informatics Dmytro Shepelsky was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Mathematics.
- Professor of the Department of Nuclear and High Energy Physics of the Educational and Research Institute "Physical-Technical School" Ihor Kyryllin was elected a corresponding member of the National Academy of Sciences of Ukraine in the Department of Nuclear Physics and Energy, specializing in "Nuclear Physics".

We congratulate the university scientists on their election!

<https://karazin.ua/news/karazintsiv-obrano-do-skladu-diisnykh-chleniv-akademikiv-i/>

# Karazin University Scientists were Honored with the Order of the Star of Italy



Two distinguished scientists from Karazin University have been honored: academician Vil Bakirov and professor Olena Bannykova.

The President of the Sociological Association of Ukraine, academician Vil Bakirov, has been promoting scientific cooperation with Italian universities for over three decades. During his tenure as the Rector of the university, he significantly enhanced the teaching of the Italian language and facilitated the establishment of cooperation agreements with Italian higher education institutions.

Doctor of Physical and Mathematical Sciences, professor of the Department of Astronomy and Space Informatics of the School of Physics, Olena Bannykova, has also received this high honor. Her efforts are directed towards developing the cooperation between Ukrainian and Italian scientists in the field of astrophysics and the exchange of experience. She actively promotes the development of relations between Karazin University and Italian universities.

The Ambassador of Italy to Ukraine, Pier Francesco Zazo, noted that these awards recognize the significant contribution of both scientists to the development of scientific relations between Italy and Ukraine. At the same time, it is a symbol of support for the academic community, students, and residents of Kharkiv, who have been enduring the consequences of Russian aggression for over two years.

We express our sincere gratitude to Vil Bakirov and Olena Bannykova for their exceptional contribution to the development of science and academic ties between Italy and Ukraine. Congratulations on the awards and best wishes for continued success. May their work continue to inspire others to achieve great accomplishments!

<https://karazin.ua/en/news/ordenom-zirky-italii-vidznacheno-vydatnykh-karazinskykh-vche/>

# Karazininites held a Training Session "Media as a Tool for Interaction with Beneficiaries for NGOs and Charitable Foundations"



On April 29, at the Center for Civil Society Development, the Director of Karazin Media Studio, Mykhailo Protsenko, the Director of the Public Relations Center, Victoria Yakymenko, and the specialist of the public relations center, Yulia Baglyk, conducted a 4-hour training session for representatives of charitable and public organizations in Ukraine. The offline training focused on the following topics:

- Basic rules of communication on the internet;
- The importance of visual content in the media space;
- PR and promotion: how to attract media attention to the activities of public and charitable organizations;
- Videography for social media;
- Best techniques for videography;
- Basics of photography;
- How to take emotional photos for social media and the press;
- Photos that tell stories;
- Managing social media: strategies, tone of voice, copyrighting rules;
- Methods for tracking the effectiveness of media campaigns;
- Working with journalists.

In particular, Mykhailo Protsenko talked about videography and techniques for quality visual content. Victoria Yakymenko discussed the basics of photography and focused on how to take quality photos without professional equipment. And Yulia Baglyk talked about the importance of social media for organizations.

We are glad to have the opportunity to conduct offline events for the people of Kharkiv and to share knowledge and experience!

<https://karazin.ua/en/news/karazintsi-provely-treninh-laquo-media-iaak-instrument-vzaie/>

# Students of the School of Economics Became Winners of the Final Stage of the All-Ukrainian Innovation Festival



On April 29, students of the School of Economics of Karazin University became winners of the final stage of the All-Ukrainian Innovation Festival, organized by the Startup Center "Spark" at the National Technical University "Kharkiv Polytechnic Institute" in collaboration with the Ministry of Education and Science of Ukraine and the Ukrainian Startup Fund.

The team "Times Traveler's Art," consisting of third-year students from the Marketing Management program at the Department of Marketing, Management, and Entrepreneurship of the School of Economics - Sofia Kravchenko, Amina Kozachenko, and Oleksiy Pavlov, went through the selection process among 86 startup projects from various cities of Ukraine: Lviv, Rivne, Kamianets-Podilskyi, Kherson, Kyiv, Zaporizhzhia, Kharkiv, as well as from the Netherlands and China. The Karazin students made it to the final 18 of the All-Ukrainian Innovation Festival, successfully presenting their project and receiving the Audience Choice Award.

Congratulations to the "Times Traveler's Art" team, wishing them perseverance, new achievements, and victories!

<https://karazin.ua/en/news/studenty-ekonomichnoho-fakultetu-zdobuly-peremohu-u-nbsp-fin/>

# "Energy Security": Offline Lecture by Artem Chernyuk



We are starting to implement exciting new projects together with the Ukrainian Engineering and Pedagogics Academy. Within the framework of our cooperation, we cover the most relevant directions, exchange experiences, and acquire new knowledge!

On April 30, at Karazin University, the Head of the Department of Electrical Engineering and Power Engineering at the Ukrainian Engineering and Pedagogical Academy, Ph.D. Artem Chernyuk, held an offline lecture on energy security. The lecture took place in the university's safe space.

The speaker elaborated on the topic of energy and energy security for the residents of Kharkiv. During the lecture, participants discussed the concepts, components, methods, and means of energy security. And importantly, they explored the current energy realities of Ukraine and the world. The issue of energy shortages and the ways to address this condition became particularly relevant for us. In particular, we discussed possible prospects for the development of the labor market in the energy sector.

We are sincerely glad that a new energy direction of education has been opened at Karazin University. We are confident that we will continue to work at no less active pace and in synergy to implement new initiatives!

<https://karazin.ua/en/news/energy-security-offline-lecture>

# Karazin University Ranked Second in Ukraine in the Scopus Scientometric Database Rating in 2024.



The annual ranking of Ukrainian higher education institutions based on Scopus data metrics has been released. According to this year's indicators, Karazin University ranked second in Ukraine in Scopus. This demonstrates the university's high level of scientific research and academic activity, making a significant contribution to the development of science at the international level.

The ranking was created based on the results of scientometric monitoring of scientific publishing activities in Ukraine using the SciVerse Scopus database as of April 2024. The ranking results rely on the citation rates of scientific articles published by educational institutions or their specialists.

In the ranking table, Ukrainian universities are ranked by the Hirsch index — a quantitative indicator based on the number of scientific publications and their citations.

Karazin University continues to maintain and strengthen its leading position in higher education and research activities!

<https://karazin.ua/en/news/karazinskyi-universytet-posiv-druhe-mistse-u-nbsp-reitynhu-n/>



# Karazinites – in the Ranking of the Best Scientists of Ukraine according to the Scopus database 2024



8 scientists from Karazin University have entered the updated list of the best scientists of Ukraine according to the Scopus database 2024, including:

- Academician of the National Academy of Sciences of Ukraine, Head of the Department of Crystal Physics of the School of Physics Boris Hrynyov — position 1;
- Academician of the National Academy of Sciences of Ukraine, Dean of the School of Physics Ruslan Vovk — position 32;
- Corresponding Member of the National Academy of Sciences of Ukraine, Head of the Department of Astronomy and Space Informatics of the School of Physics Yuriy Shkuratov — position 44;
- Head of the Department of Cardiology, Laboratory, and Functional Diagnostics of the Medical School Vera Tseluyko — position 48;
- Professor of the Department of Materials of Reactor Building and Physical Technologies of the Research and Development Institute of Physics and Technology Viacheslav Beresnev — position 144;
- Professor of the Department of Inorganic Chemistry of the Chemical School, Head of the Department of Physico-Organic Chemistry of the Research and Development Institute of Chemistry Oleksandr Kyrychenko — position 150;
- Head of the Department of Physics of Asteroids and Comets of the Research and Development Institute of Astronomy, Professor of the Department of Astronomy and Space Informatics of the School of Physics Iryna Belska — position 172;
- Head of the Chuhuiv Observational Station of the Research and Development Institute of Astronomy Yuriy Kruhlyi — position 192.

The TOP 1000 scientists in Scopus is an individual ranking of the 1000 best scientists of Ukrainian scientific organizations based on the Hirsch index in Scopus.

Congratulations to the scientists of Karazin University on their well-deserved recognition, and we wish them further success!

<https://karazin.ua/en/news/karazintsi-nbsp-mdash-u-reitynhu-nbsp-naikrashchykh-naukov/>

# Open Day at the Ukrainian Engineering Pedagogical Academy



Today, the Institute of Ukrainian Engineering Pedagogy of the Karazin Kharkiv National University held the Open Day in an offline format. Each interested person had the opportunity to personally learn about the Institute, its educational advantages, and interesting facts. The faculty and students of the Institute prepared an exciting program for prospective students! Each department of the educational and scientific institute had its own location. In particular, the event program included interactive tasks:

- Intellectual game "Unveil Your Potential";
- Gastronomic tour around countries;
- Business online game "Fashion and Food Trip";
- Seminar-quest "Important or Difficult Life Choice";
- Interactive game "Guess the Emotion";
- Local history and tourism quiz, and more.

Prospective students got acquainted with the interesting world of food technology and production: everyone could conduct experiments with products, draw on fabric, and see how professional equipment works.

Activities at other locations proved to be equally interesting. Participants explored pedagogical activities, image psychology, electrical engineering, tested their knowledge of local history, learned more about mechanical engineering, information technologies, and computer systems.

<https://karazin.ua/en/news/den-vidkrytykh-dverei-v-nbsp-nni-laquo-ukrainska-inzhenerno/>

# Panel Discussion: Development of Student Self-Government During Wartime



Life is buzzing within the walls of Karazin University: the most active representatives of student self-government from educational institutions in Kharkiv gathered to discuss the specifics of developing student councils and youth organizations during wartime.

On May 3rd, at the initiative of the Kharkiv Regional Youth Center, a panel discussion titled "Development of Student Self-Government During Wartime" took place. At the beginning of the event, a minute of silence was observed to honor the memory of the fallen defenders who gave their lives in the harsh war against the enemy.

Rector Tetyana Kaganovska addressed the attendees: "When students gather at the university, it truly becomes alive because the university cannot exist without its incredible students. Despite all the challenges, you continue to study and be true citizens of our country here in Kharkiv. The university always provides many opportunities for development, self-realization, and professional growth. And today, our main task is to unite our efforts to overcome, support each other, be useful, and help you realize yourselves and move confidently forward."

Georgiy Pazi, the Director of the Kharkiv Regional Youth Center, thanked those present for their participation and noted that the main goal of this discussion is the development of the student movement in Kharkiv. Representatives of institutions signed a Memorandum of Cooperation to jointly create new opportunities for the development of Ukrainian youth.

Within the panel discussion, there were passionate discussions, exchange of ideas and thoughts, speeches, presentations, and interactive sessions. Students discussed student self-government, its functions, rights, and duties, implementation of student projects and events, challenges, and problems of student organizations during wartime.

<https://karazin.ua/news/u-nbsp-karazinskomu-vidbulasia-panelna-dyskusii-laquo-rozvl>

# Representatives of Karazin University Among the Winners of the EURIZON Fellowship Programme for Ukraine Competition



On May 3rd, the website of the European project EURIZON announced the completion of the third (final) round of proposal evaluation for the EURIZON Fellowship Programme for Ukraine. As a result, an additional 34 teams of researchers in Ukraine were selected to receive individual funding for a period of up to 12 months.

Among the winners of the competition there are six teams from Karazin University, which is the best result among universities in Ukraine:

- Heat transport and Interfacial energy dissipation in nanostructures (School of Computer Sciences and Energy Sciences);
- Enhanced chiral sensing with plasmonic hyperbolic metasurfaces (School of Radiophysics, Biomedical Electronics, and Computer Systems);
- Creation of ceramic coatings for surface modification of structural materials by the cathode-type vacuum-arc discharge, which generates highly ionized plasma flows (School of Physics and Technology);
- Reptile and amphibian genomics to unravel evolution and biodiversity (School of Biology);
- Between two poles: Phylogeny and phylogeography of selected species of marine and freshwater leeches (Hirudinea) (School of Biology);
- Biomolecular interactions of amyloids: modulating effects of polyphenols (School of Physics and Technology).

Two representatives of Karazin University were invited to serve on the Scientific Review Panel: Olha Polotska, Executive Director of the National Research Foundation of Ukraine, and Professor Ihor Hirka from the School of Physics and Technology.

- Overall, 730 proposals were accepted for the competition in six categories:
- Infrastructure of databases and numerical calculations;
- Energy;
- Environment;
- Health and nutrition;
- Physics and engineering;
- Socio-cultural studies.

The organizers received over fifteen hundred reviews. Taking into account the previous two selection rounds, the competition jury selected 65 proposals for funding, involving 324 researchers and engineers working in Ukraine. The funding for these 65 projects amounts to four and a half million euros. Projects with durations ranging from six to twelve months will be implemented by the end of April 2025, starting from February 2024.

<https://karazin.ua/en/news/predstavnyky-karazinskoho-universytetu-nbsp-mdash-sered-pe/>

# Sergiy Zhukov delivered a lecture titled "Information Threats in the Context of Hybrid Warfare"



How does "hybrid warfare" differ from "conventional warfare"? What informational threats exist in contemporary political discourse and how can they be recognized?

Sergiy Zhukov delivered a lecture on this issue titled "Information Threats in the Context of Hybrid Warfare" on May 3 at Karazin University.

Sergiy Zhukov is an analyst at the Center for Strategic Communications and Information Security, a Deputy of the Kharkiv Regional Council, and the Head of the Commission on Information Policy, Public Relations, and Digital Transformation. He is a graduate of the Historical School at Karazin University 2007.

Attendees expressed gratitude for the opportunity to acquire valuable knowledge that will aid in combating enemy information challenges, countering fake news, and fostering critical thinking.

<https://karazin.ua/en/news/leksiia-serhiia-zhukova-laquo-informatsiini-zahrozy-v-nbsp/>

# Artem Hrynchenko, a student from the School of Computer Physics and Energy, Won a Scholarship from the IEEE Microwave Theory and Technology Society Community



A student from the School of Computer Physics and Energy at Kharkiv Karazin University, Artem Hrynchenko, has won a prestigious scholarship for students from the IEEE Microwave Theory and Technology Society community.

In the 10-year history of this international award, this is the second recognition for Ukrainians. Artem's project, supported by this scholarship, will focus on implementing highly directional transmission of localized electromagnetic signals using subwavelength periodic microstructures. This can be applied in antennas and planar electromagnetic devices for recording and processing information.

Congratulations to Artem on this achievement! We wish him inspiration for further successes and accomplishments!



# At Karazin University, a lecture by Maria Takhtaulova titled "Ukrainian Second World War: How We Remember" took place



Educational events at Karazin University represent a magical blend of science, culture, and education, covering popular topics and addressing current issues!

Today, all interested individuals had the opportunity to delve into the topic of changing paradigms in Ukrainian memory culture of the Second World War, together with the head of the Northeastern Division of the Ukrainian Institute of National Memory, Maria Takhtaulova.

At the beginning of the lecture, Ms. Maria noted how pleasant it was for her to be back within the walls of her Alma Mater and to have the honor of being not a student but a lecturer.

In the introductory part, the speaker discussed the specifics of the Ukrainian Institute of National Memory's activities and outlined the theoretical framework of the lecture, including concepts such as historical policy and academic history, and collective and individual memory.

Throughout the lecture, participants examined practical examples and drew parallels between how Ukrainians remembered the Second World War in different periods and the factors influencing it. At the end of the event, all attendees had the opportunity to have their questions answered.

We are grateful to Ms. Maria for this captivating retrospective journey!

<https://karazin.ua/en/news/u-nbsp-karazinskomu-vidbulasia-lektsiia-marii-takhtaulovoi/>

# Results of the Open All-Ukrainian Financial Literacy Tournament 2024



On May 11, a solemn award ceremony took place to honor the winners of the Open All-Ukrainian Financial Literacy Tournament 2024, organized annually by the Karazin Banking Institute.

- Among the tournament organizers were:
- State Scientific Institution "Institute for Modernization of Educational Content";
- Ministry of Education and Science of Ukraine;
- Public Organization "Business Club Partner";
- Kharkiv Banking Union.

In 2024, 130 teams from various regions of Ukraine registered to participate in the tournament. During the competition, teams not only demonstrated their expert knowledge of financial literacy but also showed their ability to apply it in practice.

<https://karazin.ua/en/news/rezultaty-vidkrytoho-vseukrainskoho-turniru-z-nbsp-finansovo/>



# The Students Secured the Second Place at the International Competition of Student Research Papers in Marketing



Students of the School of Economics clinched victory in the II stage of the International Competition of Student Research Papers in Marketing 2023–2024, organized by the State University of Intellectual Technologies and Communication.

Second-degree diplomas were awarded to 2nd-year students of the educational program "Marketing," Daniil Brazhnyk and Anna Didenko.

The academic supervisor of the student research paper on the topic "Promotion of the Company Brand in Social Media (SMM)" was Associate Professor of the Department of Marketing Management and Entrepreneurship at the School of Economics, Viktor Rozhko.

The research paper is dedicated to the issue of promoting the company brand in social media with the aim of enhancing the overall competitiveness of the company.

Congratulations to the students on their achievement!

<https://karazin.ua/en/news/studenty-vyboroly-druhe-mistse-na-mizhnarodnomu-konkursi-stu/>

# Simulation of the European Union Summit within the walls of Karazin University



On May 10th, a summit simulation of the European Union took place at Karazin University aimed at promoting Ukraine's European integration efforts, familiarizing participants with the principles and peculiarities of the EU's functioning, and developing hard and soft skills in diplomacy, politics, economics, journalism, and the art of debate.

The summit was organized by the School of International Economic Relations and Tourism Business and was dedicated to celebrating Europe Day. Within this event, the faculty conducted a diplomatic simulation game for anyone interested in diplomacy and international relations. Moreover, this summit marked the first event within the Karazin Diplomatic Community project.

Approximately 100 individuals participated in the event, including students, 10th and 11th-grade school students, postgraduates, professors, and all interested parties. Each attendee took part in offline sessions of three sections and played a specific role at the summit as a representative of one of the 27 EU member countries.

<https://karazin.ua/en/news/modeliuvannia-samitu-ievropeiskoho-soiuzu-v-nbsp-stinakh-kar/>

# All-Ukrainian Scientific Conference "Theoretical and Applied Aspects of Biographistics: Commemorating the 170th Anniversary of Mykola Fedorovych Sumtsov



On May 10, 2024, the IX All-Ukrainian Scientific Conference "Theoretical and Applied Aspects of Biographistics: to the 170th Anniversary of Mykola Fedorovych Sumtsov's Birth" took place at Karazin University. The conference brought together participants from Kharkiv, Kyiv, Lviv, Lutsk, Poltava, and other cities.

The event was dedicated to the memory of the prominent historian, ethnographer, museum worker, graduate, and professor of Kharkiv University, who made an invaluable contribution to the study of the material and non-material cultural heritage of Slobozhanshchyna.

The conference was co-organized by the Department of Ukrainian Studies of the School of Philosophy and the Center for Ukrainian Studies and Local Lore named after Academician P.T. Tronko.

At the plenary session, the participants were greeted by the Chair of the conference organizing committee, Dean of the School of Philosophy, Professor Ivan Karpenko. He thanked the team of organizers for the event and emphasized its significance for the study of the history and culture of Sloboda Ukraine.

Deputy Director of the Center for Ukrainian Studies and Local History named after Academician P.T. Tronko, Olha Vovk, reminded the audience of the words of Mykola Sumtsov, which remain relevant today: "The best way for political, national, and social revival should be the broad path of general education, science, and its dissemination throughout all layers of society."

<https://karazin.ua/en/news/vseukrainska-naukova-konferentsiia-laquo-teoretychni-ta-pry-2/>

# The Online Meeting "Admission to Master's Programs 2024" took place at Karazin University



We continue to pave the way for university admissions together with our prospective students!

An online meeting "Admission to Master's Programs 2024" was held at Karazin University, where all those interested in obtaining a master's degree were able to get answers to their questions in a live broadcast.

The Secretary of the University's Admissions Committee, Sergii Yeltsov, and the Chairman of the Student Council, Mykita Kucherov, discussed the admission conditions for master's programs, necessary documents, registration in the electronic cabinet, application submission, exam format, and more.

<https://karazin.ua/en/news/u-nbsp-karazinskomu-vidbulasia-onlain-zustrich-nbsp-laquo-v/>

# Karazinites have been Awarded Scholarships by the Cabinet of Ministers of Ukraine for Young Scientists



Despite challenging times for Ukraine, our scientists are working hard!

Representatives of the Education and Research Institute "School of Physics and Technology," Olga Zhitnyakivska and Ulyana Tarabara, are among the 264 scientists recommended by the Ministry of Education and Science of Ukraine and selected to receive scholarships.

The scholarships were awarded by the Decree of the Presidium of the Committee for the National Prize of Ukraine named after Boris Paton on May 8, 2024. They are awarded to support scientists who successfully conduct scientific research, carry out relevant scientific and technical developments, and have already achieved recognized results.

We congratulate the scholarship recipients, wish them new scientific successes and discoveries!

<https://karazin.ua/en/news/karazintsiam-pryznacheno-stypendii-kabinetu-ministriv-ukrain-1/>

# Karazinites Have Completed the Translation of Educational Materials on Controlled Thermonuclear Fusion



Module 4

Fusion materials

Professor Igor Hirka from the Department of Applied Physics and Plasma Physics, in collaboration with Associate Professor Inna Afanasyeva, has successfully completed the translation of the fourth module of educational materials on controlled thermonuclear fusion into Ukrainian. These materials are intended for secondary schools and consist of methodological advice for teachers, readers for students, and presentations. They are designed to promote a deeper understanding of the topic of controlled thermonuclear fusion, which is one of the most modern and promising fields of physics.

The original English-language version of the materials is available on the FuseNet Association website, which includes Karazin University.

The translated materials are available at the following links:

- Website of the Institute of Physics and Technology
- National Contact Point EURATOM in Ukraine

This initiative is an important step in the development of education, providing students with access to current and high-quality educational resources.

<https://karazin.ua/en/news/profesory-karazinskoho-universytetu-zavershyly-pereklad-osvi/>

# The Scientific Forum "Innovative Science in Medicine: Interdisciplinary Approach" took place at Karazin University



At 11 a.m. on May 15th in Kharkiv. Less than a day has passed since the last shelling of the city. However, Kharkiv residents, scholars of Karazin University, and competent experts of the region have already gathered within the university walls to hold the scientific forum "Innovative Science in Medicine: Interdisciplinary Approach."

Today, more than ever, we understand the importance of medicine and the urgent need to overcome its challenges. During wartime, basic knowledge of first aid saves lives, innovative technologies help preserve limbs, and consolidating efforts with other sciences will help overcome the challenges in a country at war.

One of the main goals of the forum is to find answers to the challenges facing Ukraine today through an interdisciplinary approach. Because it is the unity at regional, national, international, and scientific levels that will produce the results our country needs.

The Rector of Karazin University, Tetyana Kaganovska, emphasized that the enemy will not be able to ruin our plans. And the best response to it is not allowing science to stop, not letting it take away even one day of our productive lives. Right now, all our scientific achievements are needed for our country, our victory, and our future.

<https://karazin.ua/en/news/u-karazinskomu-vidbuvsia-naukovyi-forum-laquo-innovatsiina/>

# Presentation "Ukrainian Engineering Pedagogics Academy" of Karazin University: New Opportunities for Education



During a working visit to the Kharkiv region, the Deputy Minister of Education and Science of Ukraine for Digital Development, Digital Transformation, and Digitalization, Dmytro Zavhorodniy, met with the heads of vocational (vocational-technical) education institutions. The main purpose of the meeting was to discuss and present new initiatives in the field of education.



Special attention was paid to the presentation of the Educational and Scientific Institute "Ukrainian Engineering Pedagogics Academy" of Karazin University. During the visit, the facilities in the institute's building and its future laboratories were inspected.

The institute's work will enable the training of highly qualified specialists for various sectors, thereby contributing to the development of Ukraine's economy.



# Science Day: Names of Karazinites in Scientific Discoveries



May's third Saturday is a significant day for anyone who has ever been involved in science. Today, Ukrainians celebrate Science Day — a holiday established to support the initiatives of prominent scientists, research institutions, as well as professional associations in Ukraine.

The scientific achievements of Kharkiv and other Ukrainian scientists are inexhaustible. Even today, on the 815th day of the full-scale Russian invasion, we prove to the world that science cannot be stopped! Unyielding researchers spread knowledge, make discoveries, and work fruitfully in the fields of science and education, nurturing new generations of scientists.

Karazin University sincerely congratulates the community on Science Day! We wish that every day is filled with new experiences and vivid emotions. May ideas never cease, and may your achievements be duly appreciated not only by Ukraine but by the whole world!

On the occasion of the holiday, we have prepared a collection of renowned scientists from Karazin University who have left an indelible mark on the world of science.

<https://karazin.ua/en/news/den-nauky-imena-karazintsiv-u-nbsp-naukovykh-vidkryttiakh/>

# Roundtable "The Phenomenon of Collaborationism: An Interdisciplinary Approach"



On May 17, a roundtable was held at Karazin University, during which university scholars discussed the issue of collaborationism from various scientific perspectives.

The role of science is to provide answers to current issues. In the context of Russia's full-scale invasion of Ukraine, the issue of collaborationism has gained new significance. We can counter this phenomenon only by paying attention to it and seeking ways to address it. This is exactly what the university scholars engaged in.

The moderator of the meeting was the university's Vice-Rector, Oleksandr Holovko, who welcomed the participants and highlighted the opportunities available to Karazin researchers: "An interdisciplinary approach allows us to realize the enormous potential of our university, as we cover almost all scientific fields. We can unite and create teams for a comprehensive and thorough examination of any problem."

<https://karazin.ua/en/news/kruhlyi-stil-laquo-fenomen-kolaboratsionizmu-mizhdystsypli/>

# The International Project "DAAD Ukraine Digital in Times of Crisis 2024"



The implementation of the virtual component of the international project "Ukraine Digital in Times of Crisis 2024" has commenced at Karazin University (with the support of the German Academic Exchange Service).

The project has a significant impact on both lecturers and students, offering new educational opportunities, scholarship support for students studying at Karazin University, real academic mobility for lecturers, and much more.

The lecturers for the 2024 project include representatives from various schools: School of International Economic Relations and Travel Business: Olena Mykolenko, Natalia Danko; Karazin Banking Institute: Valeriya Baranova, Irina Denchyk, Anna Chkheailo; School of Economics: Larisa Teshova; School of Sociology: Alina Kalashnikova.

The lecturers offer 7 English-language courses:

- International Business in Digital Economy;
- Digital Branding;
- Organizational Design;
- Financial Services for Business;
- Critical Global Issues;
- Risk Management;
- Building Resilience in Organizations.

This spring, 25 students have joined the study of three English-language courses with a scholarship of 600 euros.

Since 2022, the project has been implemented at Karazin University through collaboration with Professor Ewald Mittelstadt from the University of Applied Sciences South Westphalia (Germany) and Professor Claudia Wipke from the Karlsruhe University of Education (Germany).

Since 2022, more than 25 lecturers from Karazin University have participated in the project, over 100 students have become scholarship recipients, receiving a total of 60,000 euros in financial support to continue their studies at the university during the war. Over 350 students have enrolled in the study of 27 courses.

<https://karazin.ua/en/news/mizhnarodnyi-proiekt-nbsp-daad-nbsp-laquo-ukraina-tsyfrova/>

# International Scientific and Practical Conference "Current State, Problems, and Prospects of Business Development, Financial-Credit, and Accounting Systems": Summary



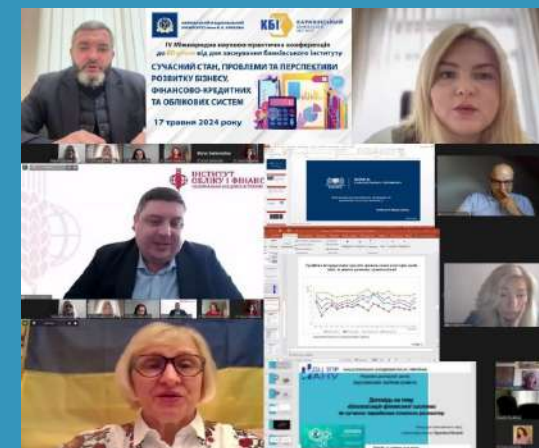
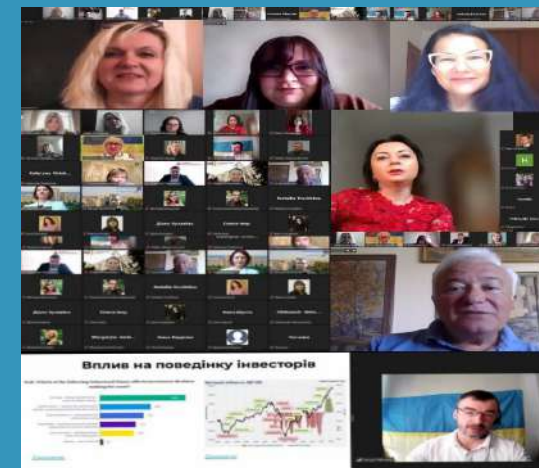
Despite the war and shelling, scientific life continues in Kharkiv! On May 17, Ukrainian and international scientists participated in the IV International Scientific and Practical Conference "Current State, Problems, and Prospects of Business Development, Financial-Credit, and Accounting Systems," organized by the Karazin Banking Institute on the occasion of Science Day.

The Conference Proceedings included over 100 papers from scientists representing more than 30 higher education institutions, research institutes, and organizations from various parts of Ukraine.

The conference aimed to discuss scientific and practical issues related to business, financial-credit, and accounting systems. The researchers engaged in friendly discussions on:

- The transition from fiat money to central bank digital currency;
- Forecasting economic indicators using artificial intelligence;
- Greening the financial system as a modern paradigm of sustainable development;
- Monitoring the efficiency of managing the economic security mechanism of business entities;
- Risk management systems in analyzing strategies for building a personal investment portfolio under uncertainty;
- Using data mining methods for vessel selection in optimizing logistics and transport systems;
- Digitalization of the country and its impact on economic development.

Karazin University continues to operate and organize events despite any conditions because science cannot be stopped!



# Karazin University Holding the Event "The Magic of Books - the Magic of Science, or One Day with Albert Einstein"



V. N. Karazin Kharkiv National University continues to actively engage school students in science!

On May 18th, an event dedicated to Science Day titled "The Magic of Books - The Magic of Science, or One Day with Albert Einstein" took place, with over 50 students from Kharkiv schools participating.

The participants learned about scientific achievements that have significantly impacted the world and discussed a range of topics, including:

- Why Kharkiv is considered the city of physicists;
- Understanding nature and opening doors to new technologies;
- A new approach to training modern physicists;
- Kharkiv and extraterrestrial civilizations;
- The possibility of time and space travel: the perspective of a physicist and a philosopher.

These topics were covered by representatives from Karazin University, including Volodymyr Poida and Oleh Lazarenko (School of Physics), Mykola Dubinin (School of Radio Physics, Biomedical Electronics, and Computer Systems), Vadym Kaidash (Research Institute of Astronomy), Ivan Karpenko (School of Philosophy), and Pylyp Kuznetsov (Education and Research Institute of "Physics and Technology").

The students not only met the city's most renowned scientists and researchers but also visited exhibitions at the central scientific library and took a tour of the astronomy museum. The tours were conducted by Natalia Prots (Central Scientific Library), Lidiya Opanasenko, and Dmytro Stankevich (Research Institute of Astronomy).

At the end of the event, the students enjoyed an exciting quiz prepared by Karazin University members, along with prizes from the university's primary trade union organization, presented by Anatoliy Holtvyanskyi.

Discover more about the fascinating world of science and discoveries at Karazin University!

<https://karazin.ua/en/news/u-karazinskomu-vidbuvsia-zakhid-nbsp-laquo-mahiiia-knyhy-nbs/>

# Faculty Members of the School of Foreign Languages Completed the "Phonetics for Teaching English Pronunciation" Course from the University of York (United Kingdom)



Faculty members of the School of Foreign Languages completed an 11-week online course "Phonetics for Teaching English Pronunciation," specially designed by the Department of Language and Linguistic Science at the University of York for Karazin University.

The course aimed to enhance the qualifications of the faculty members in the field of English phonetics and to prepare a new English pronunciation course for first-year students of the School of Foreign Languages.

As part of the "Unity" project, implemented jointly with the University of York, representatives of the Department of Language and Linguistic Science — Sam Hellmuth, James Chantry, and Marina Kantarutti — specifically developed this course. It combined an introduction to English phonetics with an overview of key theories and research in the phonology of English as a second language, as well as practical ideas and principles for teaching English pronunciation in professional English classes. The course also featured a guest lecture by Professor Richard Ogden, author of the renowned monograph "An Introduction to English Phonetics" (2009).

The next step was to invite two faculty members from the Department of English Philology and Methods of Teaching Foreign Languages to the University of York for advanced training courses. Upon completion of the 5-week course, Karazin University faculty members will receive the Trinity Certificate in Teaching English to Speakers of Other Languages (CertTESOL).

At the end of the online course, Professor Sam Hellmuth remarked: "It was a pleasure to get to know our colleagues from Ukraine during this practical training course. We were impressed by their thirst for knowledge and the resilience with which they engaged in the course while simultaneously teaching their own programs online. The course they have developed for their students is just the beginning of our future collaboration."

<https://karazin.ua/en/news/vykladachi-fakultetu-inozemnykh-mov-proishly-kurs-laquo-fon/>