THE World University Rankings 2025 TOP 800

OU Science & Society

NEWSLETTER OF THE OBUDA UNIVERSITY | JUNE 2025

6

Hungarian–Turkic Conference

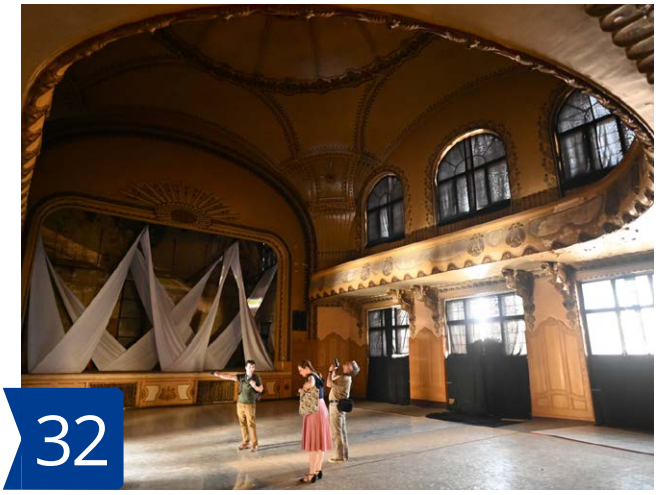
CONTENTS

13

IFAC ACE 2025 Officially Opens at Obuda University (IT)

19

Top Hungarian Competitor in the Finn European Championship



32

A study trip to Oradea for the Doctoral School (YBL)

Obuda University Moves Up a Category in the QS Ranking

Obuda University has reached another significant milestone in its international recognition: it has substantially improved its position in the latest Quacquarelli Symonds (QS) World University Rankings 2026. The university's total score has doubled compared to last year, as announced by Prof. Dr. Levente Kovács, Rector of Obuda University.

According to the new ranking, our university has moved up one category, from the 1201–1400 band to the 1001–1200 range. This progress reflects consistent development across several key indicators, especially in the proportion of international faculty, the number of scientific citations per faculty member—where Obuda University ranks first nationwide—and sustainability, where the university's score has significantly increased compared to the previous year. "We are extremely proud that Obuda University's overall score more than doubled in the latest QS World University Rankings," emphasized Prof. Dr. Levente Kovács.

Among the ten Hungarian higher education institutions featured in the 2026 ranking, Obuda University now holds the 6th position. The QS World University Rankings, alongside the THE rankings, are among the most comprehensive global rankings of higher education institutions. The ranking is compiled by the QS research team in close cooperation with tens of thousands of universities worldwide. The evaluation is based on data from 16.4 million academic publications and the opinions of over 151,000 academics and 100,000 employers.

The QS methodology considers several key factors, such as student experience, university partnerships, research activity, and quality of teaching. The goal is to provide the most comprehensive picture of a university's performance, grounded in reliable research and innovative analysis methods. A university's QS ranking is not just a number, it serves as a guide for prospective (especially international) students in choosing the right institution for their further studies.

This year, the university has improved its position in both of the most prestigious international rankings: in addition to the QS results, it has also made remarkable progress in the Times Higher Education (THE) World University Rankings 2025, moving up from the 1001–1200 band to the 601–800 category after four consecutive years

Another Bridge in U.S.–Hungarian Higher Education

On June 4, Obuda University welcomed the U.S.–Hungarian delegation visiting Hungary for the Hungarian Summit. The purpose of the visit was to explore future potential collaboration opportunities with American universities.

Today marks the start of the fifth, anniversary edition of the Hungarian Summit, which has grown into one of the most significant, practice-oriented networking platforms between the United States and Hungary. This year's central question is: *Is America still the land of opportunity?* And does the American dream still exist — both on an individual level and in bilateral cooperation? The event's motto this year is *"U.S. and Hungary: Together Beyond the Sky."* The summit aims to build bridges between the two countries in business, higher education, innovation, culture, sports, and the nonprofit sector.

During their visit to Obuda University, the American delegation was received by Prof. Dr. Levente Kovács, Rector of Obuda University, who presented the university's activities, goals, and key research directions. Piros Pazaurek, President of the Hungarian Hub, Honorary Consul of Hungary in Central Florida, and producer of the Hungarian Summit, expressed her enthusiasm for future collaboration opportunities.

While on campus, the delegation also visited one of the university's most advanced research centers — the Antal Bejczy Center for Intelligent Robotics (BARK).

The main venue of the Summit is the Gellért Campus of Corvinus University of Budapest, where Prof. Dr. Enikő Maior, Vice-Rector for Education at Obuda University, is representing the institution in the *Track Sessions II – Education* section. Through its participation in this professional forum, Obuda University continues to actively contribute to international dialogue on educational cooperation.

One of the Hungarian Summit's key objectives is to strengthen ties between Hungarian and American higher education institutions, with a special focus on promoting faculty and student mobility. The event not only fosters professional dialogue but also lays the groundwork for concrete, long-term inter-institutional collaborations.

For Obuda University, this kind of international presence is a strategic priority, as it aims to play an active role in the global innovation ecosystem and expand its inter-university partnerships. Collaboration with American universities can open up new opportunities for students and faculty through joint research, mobility programs, and innovation initiatives.

Guide for Multilingual Teams: Identity, Conflict, and Understanding – Lecture by Dr. Lee and Dr. Kiss

In today's educational institutions and workplaces, people from diverse linguistic and cultural backgrounds increasingly study and work together, which can lead to communication challenges. On June 10, Dr. Nicholas Lee and Dr. Tamás Kiss, associate professors at Sunway University, jointly gave a lecture titled *"The Value of Intercultural Competence: Navigating Language, Identity and Conflict,"* discussing how language, identity, and cultural differences influence effective communication.

The event was opened by Dr. Enikő Maior, Vice-Rector for Education at Obuda University.

The interactive and well-received presentation used practical examples to explore the relationship between language and culture. With the help of the Kahoot app, the audience engaged in a playful exploration of the difficulties that can arise when people from different countries interact. At the end of the lecture, the communication experts shared useful strategies with participants, such as active listening, shifting perspectives, and perception changes – all of which help reduce conflict in multicultural settings.

This lecture was the result of an agreement made during a visit to Malaysia in February. As part of the Hungarian-Malaysian Rectors' Forum, Prof. Dr. Levente Kovács signed a Memorandum of Understanding with Prof. Sibrandes Poppema, President of Sunway University. This agreement opens the door to joint research projects and academic exchange programs between the two institutions.

At the time, the rector noted:

"I believe it is important to maintain a close and productive relationship with the East Asian region and one of its leading higher education institutions. At Sunway, they conduct high-level research focused on key global issues and offer diverse, high-quality educational programs from undergraduate to postgraduate levels. Like us, Sunway is a relatively young institution on the global scale, yet it already ranks in the top 2% worldwide (QS World University Rankings), top 1.5% of Asian universities, and among the top 150 globally."

Sunway has over 25,000 students, with 13–18% being international. The employment rate after graduation ranges between 87–98%.

A similar upcoming lecture can be attended for free and online on August 9:

17th ESAP Symposium – Beyond Words: Integrating Language, Culture & Society.

Hungarian–Turkic University Alliance – Innovation and Economic Benefits

Significant progress has been made in the cooperation between Hungarian and Turkic universities, thanks to the 1st Academic Conference of the Organization of Turkic States (OTS), organized by Obuda University and held on June 25–26 at the Ybl Villa, which houses the OTS Representation Office in Hungary.

Minister Balázs Hankó announced that Obuda University, the University of Miskolc, the University of Debrecen, Semmelweis University, Széchenyi István University in Győr, and thirteen Turkic universities will establish closer cooperation.

The goal is to develop joint and double-degree programs, as well as to create an innovation fund involving universities from at least three countries. Key focus areas include engineering and natural sciences, agricultural sciences, health sciences, and water management. This collaboration benefits the Hungarian economy, Hungarian youth, and domestic companies. The Minister for Culture and Innovation emphasized that Turkic states have achieved remarkable scientific advancements in recent years, with five of them now featured in international rankings.

"Alongside Minister Balázs Hankó and Ambassador Balázs Hendrich, I welcomed the participants. Our shared message was that scientific and educational relations play a key role in the strategic cooperation between the Turkic States and Hungary," emphasized Prof. Dr. Levente Kovács, Rector of Obuda University.

He noted that special attention was given to how the Organization of Turkic States can facilitate university-level cooperation. Topics included the creation of a joint research fund, talent development camps, excellence scholarship opportunities, and mobility programs for students and researchers.

He also presented the success story of the INNOTECHNO Park in Uzbekistan, which is a strong example of linking technological innovation, industrial cooperation, and higher education. He reaffirmed the commitment of Obuda University and other Hungarian institutions to international scientific partnerships.

"This conference confirms that scientific and higher education relations between Hungary and the Turkic states are growing stronger, with institutions like Obuda University playing a key role," he added.

During the roundtable discussions, representatives of Turkic and Hungarian universities explored new forms of cooperation and developed concrete ideas for future joint programs. The Organization of Turkic States includes Azerbaijan, Kazakhstan, Kyrgyzstan, Türkiye, and Uzbekistan; Hungary has been an observer state since 2018.

Hungarian–Turkic Conference is a Success

Tibor Bial, International Senior Advisor and the main organizer of the event, stated:

"Over the past two days, we received a great deal of positive feedback from all participants. There is a clear demand to continue this conference in the future—whether in Hungary or at other international universities. The rectors unanimously supported this idea.

Many valuable observations and ideas were shared, which we all aim to incorporate into our university programs. Our Turkic colleagues are hopeful that their governments will support these initiatives."

Cooperation Agreements with Turkic Universities

During the event, Prof. Dr. Levente Kovács signed a cooperation agreement with a representative of D. Serikbayev East Kazakhstan Technical University (EKTU).

"This newly signed agreement gives fresh impetus to the relationship between our institutions and supports further development in education and research. We believe that strategic cooperation with Kazakhstan strengthens our international presence and opens new opportunities for both parties," emphasized the Rector.

He added: "This partnership is an important step in expanding Obuda University's international role and in deepening Kazakh–Hungarian academic relations."

EKTU has been a strategic partner for many years. Since 2018, Obuda University has maintained close ties with the Kazakh institution, especially in scientific research and in the mobility of faculty and students. The cooperation includes joint projects in automation and control engineering, participation in international conferences, online courses, and co-authored scientific publications.

International Conference on Generative Artificial Intelligence and Learning

Obuda University hosted the International Conference on Generative Artificial Intelligence and Learning – ICGAL 2025, jointly organized by our institution, Oxford-i-Publishing, and ÉlményMűhely.

The conference brought together experts from 16 countries and featured more than 50 insightful abstracts, showcasing the potential of integrating artificial intelligence into education. The hybrid format enabled broad international participation, with a significant number of attendees joining online from around the world, further highlighting the inclusive and borderless nature of the GenAI discourse.

The conference showcased innovations at the intersection of education and artificial intelligence (AI), offering a truly groundbreaking insight into the future of learning. From exciting keynotes to dynamic workshops, the event provided a unique platform for educators, researchers, and innovators to share their work and collaborate in shaping the future of learning in an AI-enhanced world. The diversity of perspectives and depth of discussions underlined the transformative potential of generative AI in education.

Prof. Dr. Enikő Maior, Vice-Rector for Education at Obuda University, remarked:

"At Obuda University, we are deeply committed to fostering interdisciplinary learning and innovation in education. Our vision is that artificial intelligence will fundamentally disrupt everyday life, which we will be able to harness to extend and complement human capabilities."

Prof. Dr. Péter Galambos, Vice-Rector for Innovation, in his keynote explored the latest trends in robotics and generative artificial intelligence, highlighting the critical role of synthetic datasets in advancing robotic visual perception. He emphasized:

"The linguistic modality is very independent, very well structured and very well recorded; everything is in it, and we already have evidence that chatbots work quite well."

He noted that beyond vision and language, mastering fine motor skills presents the greatest challenge in robotic training, as capturing and standardizing such movement data is significantly more complex than language data.

A highlight for many was the presentation by **Dr. Zsombor Zrubka, Dr. Kristóf Fenyvesi,** and **Zoltán Márton,** titled *"Exploring the Scalability of Technology: A Framework for Enhancing Educational Capabilities".* Their insights on how technology can enhance human abilities resonated deeply with the audience. »

» One of the key takeaways was the important role of STEAM pedagogy.

During the panel discussions, exciting topics were addressed, including the complex challenges and possible solutions regarding the use of personal devices in classrooms. This topic is especially relevant in the context of the EdTech Talents Horizon Europe project, in which both the University of Novi Sad and Obuda University are consortium partners.

FUTURE DIRECTIONS

The conference concluded with the STEAMCRAFT workshop. The interactive session showcased how a custom Minecraft modification can serve as an effective pedagogical tool. During the workshop, **Zoltán Márton** and **Sándor Kirchhof** shared their experiences from the **EdTech Talents Horizon Europe** project, highlighting how their work informs and advances initiatives like STEAMCRAFT. The workshop's central message resonated strongly with participants:

"STEAMCRAFT empowers the next generation to understand complex global challenges—such as climate change, energy transition, and urban sustainability—through practical, meaningful experiences."

Participants were inspired by the potential of game-based learning to tackle real-world problems.

The success of the conference was greatly supported by **Prof. Dr. Levente Kovács**, Rector of Obuda University, who served as Honorary Chair, and

Dr. habil. György Eigner, International Scientific Co-Chair and Rector's Delegate for Artificial Intelligence, who played a key role in developing and maintaining the high quality of the scientific programme.

Zoltán Márton, Head of the STEM Office and Local Co-Chair, was instrumental in the meticulous planning and tireless efforts that ensured the smooth and effective execution of the conference logistics.

Further details:
https://stem.uni-obuda.hu/icgal-2025-the-first-international-conference-on-genai-literacy-held-in-budapest

Is the Economy of the Future Intelligent and Unequal? – Report from the Palandöken Forum

The Palandöken Economic Forum recently offered an opportunity to discuss the economic value of knowledge and the integration of innovative solutions into development processes, through the strengthened interaction between academic institutions and the business sector. Experts from the Keleti Károly Faculty of Business and Management took part in the event.

The forum was held in Erzurum, Turkey, under the title "An Equitable Future in a Smart World: Intelligent Economies and Global Inequality." The organisers aimed to provide a platform that, among other topics, drew attention to how digitalisation and the spread of artificial intelligence not only create opportunities but also generate complex and deepening inequalities. According to all speakers, the ability to take advantage of these opportunities depends on the human factor—that is, people who are able to use and develop smart technologies, thereby creating intelligent economies.

However, the convergence of less developed countries is becoming increasingly difficult—especially if intelligent economies use their advantages to protect and enhance their own interests. As a result, even greater developmental disparities may define the future of the global economic landscape.

The forum was a high-level economic summit, attended by Turkish representatives at ministerial level. Thanks to the support of the Embassy of the Republic of Türkiye in Budapest, our university was represented by Prof. Dr. Andrea Tick, Associate Professor at the Keleti Faculty of Business and Management (pictured centre). She established contact with Prof. Dr. Bülent Çakmak, Rector of Erzurum Technical University, and experts from the university's Faculty of Economics and Administrative Sciences. This may serve as the starting point for future cooperation between the two institutions.

Obuda University Strengthens Ties with the National University of La Matanza

As part of the Pannonia Programme, Dr. Péter Karácsony, professor at Obuda University, recently visited the National University of La Matanza (UNLaM) in Argentina. The visit was organized by UNLaM's Office of International Relations in cooperation with the Department of Economic Sciences.

During his time on campus, Dr. Karácsony toured several key facilities, including the Technological Hub, the University Theatre, the Sports Area, the Leopoldo Marechal Library, and the Media Department.

Following the tour, he met with members of the Department of Economic Sciences to discuss potential future research collaborations. The meeting was also attended by the Department's Research Secretary, Mag. Antonella Schifrin.

Dr. Karácsony expressed his interest in learning more about UNLaM and building lasting academic partnerships. He emphasized the value of human capital and noted that while innovation is important, it should not overshadow the development and recognition of people.

Rare Diseases and Chances of Recovery – Report on the BUR-EB Mini-Conference

Obuda University hosted the mini-conference titled "Research and Innovation in Rare Diseases" on June 26. Researchers presented results from the EU Horizon 2020-funded BUR-EB project, organized by the Health Economics Research Center (HECON).

The BUR-EB European research program aimed to assess the socioeconomic burden of epidermolysis bullosa (EB), a rare genetic skin disorder, in seven countries. EB is characterized by fragile skin and mucous membranes, leading to blistering and chronic wounds. In severe cases, it can result in muscle and joint deformities, leading to complete disability. The introduction of high-cost gene therapies (up to $600,000 per patient per year) and robot-assisted care solutions in EB management pose significant financial challenges, even for economically developed countries. The BUR-EB program aims to provide essential data and decision-making analyses to inform health technology assessments for these innovations.

Under the leadership of **Prof. Dr. Márta Péntek,** HECON, as a member of the BUR-EB consortium, is responsible for analyzing data collection from seven countries (Spain, France, Germany, Italy, Hungary, Austria, and Bulgaria) and conducting health economic evaluations.

Renata Linertova (Consortium Leader, Spain) provided an overview of the project and discussed the role of Health Technology Assessment (HTA) in the introduction and financing decisions of new therapies in Spain. Prof. Dr. Márta Péntek summarized the economic aspects of new therapies and medical devices related to EB in her presentation. **Dr. Zsombor Zrubka** presented the development of the Hungarian language version of two international standard quality-of-life questionnaires related to EB. **Prof. Dr. László Gulácsi** discussed the methodological challenges in calculating the costs of healthcare and other resources utilized in EB management, highlighting significant differences between countries. **Dr. Áron Hölgyesi** presented the initial results of the questionnaire survey, illustrating how disease-related costs vary across the seven participating countries. Informal care provided by family members emerged as a significant determinant in all countries. **Dr. Márta Medvecz** (Associate Professor, Department of Dermatology, Venereology, and Dermatooncology, Semmelweis University) emphasized that since data collection, new drug and gene therapies for EB patients have gained increasing traction internationally and in Hungary, with individual reimbursement schemes. This development is expected to significantly alter cost structures and the distribution of cost components. **Dr. Gábor Pogány** (National Alliance of People Living with Rare and Congenital Disorders) participated in the conference, offering valuable perspectives from the patient organizations' viewpoint during the professional discussion.

The BUR-EB project was realized with the support of the European Union's Horizon 2020 research and innovation program (EJP RD COFUND-EJP N° 825575) and the National Research, Development and Innovation Office (2019-2.1.7-ERA-NET).

Further details on the BUR-EB project can be found at:
https://www.bur-eb.com; https://hecon.uni-obuda.hu/bur-eb/

Water Management and Green Technologies at the Core of a New Cooperation with a Kazakh University

In an effort to deepen scientific, educational, and research collaboration, Prof. Dr. Levente Kovács signed a cooperation agreement on June 26 with Kamshat Maratovna Tussupova, Rector of the Kazakh National University of Water Management and Irrigation (KazNUWMI).

As part of the partnership, the two institutions will jointly develop digital education programmes and curricula, and implement specially designed mobility schemes for students and professionals. The plans include the organization of short-term training courses—such as summer universities and thematic academies—as well as the launch of joint or double-degree programmes ranging from undergraduate to doctoral levels.

Special emphasis will be placed on joint research and innovation projects, particularly in the fields of water management, green technologies, and smart infrastructure. The agreement also covers support for startup initiatives, including the establishment of joint innovation hubs and incubation programmes, which may provide seed funding to help bring student and faculty ideas to life.

A key element of the cooperation is the establishment of a local representative office of Obuda University within the Kazakh partner institution. This office will ensure ongoing communication, coordination of joint projects, and accessibility of student services. This strategic partnership aims not only to strengthen international academic ties but also to promote technological innovation and sustainable development.

Founded in 2024, KazNUWMI is a specialized research university operating in Taraz, as the successor of the former Zhambyl Institute of Hydromelioration and Construction. The university trains engineers in the fields of water management, land reclamation, construction, and energy—experts who have played a vital role in Kazakhstan's infrastructural development. The institution applies modern technologies and innovative approaches, with a strong focus on sustainable water management and environmentally friendly solutions.

A Celebration of Engineering Creativity – Tenth RECCS Pasta Bridge World Championship Held at Obuda University

Obuda University hosted the 10th RECCS Pasta Bridge World Championship on May 29, a celebration of engineering creativity. This milestone event paid tribute to the legacy of the previous nine championships while offering a stage for new generations of engineers to demonstrate their talents.

This year's competition was especially exciting: for the first time since 2019, we welcomed both Hungarian and international teams. Returning participants came from Transylvania, and for the first time in RECCS history, a team from France joined the contest. A total of 11 teams competed with 14 bridge structures.

The event was led by **Miklós Vincze,** who set the still-standing world record in 2013 with a bridge holding 570.3 kg in the Bridge category.

That record remains unbeaten!

In her opening speech, Vice-Rector for Education **Prof. Dr. Enikő Maior** recalled highlights from the past nine championships and emphasized the importance of the competition in inspiring future generations.

Commemorative plaques and certificates were presented to representatives of the **Technical University of Cluj-Napoca**, which has won the Bridge category four times since the event's inception, supported by **Professor Ferdinánd Zsongor Gobesz.** This year, the awards were accepted by coach **Cristian Mojolic.**

Alireza Nazari and his team, representing **Atatürk University** in Turkey, have won the competition three times and set a world record of 666.3 kg in the Holder category in 2017. Mr. Nazari was personally congratulated at the event.

Obuda University has claimed multiple championships in both the Bridge and Holder categories since the very beginning of RECCS.

Certificates and memorabilia were awarded to former champions including **Szilárd Márkos, András Filip, Zoltán Szabó, Tamás Barna, Csaba Járó, Miklós Vincze, János Papp, Gréta Nebl-Gimesi, Viktor Menyhárt, Donát Huszák, Benjámin Horányi, Roland Mátlé, Norbert Laky, Sarolta Makay, and Péter Zoltán Takács.**

In the Bridge category, the team "Span Masters" from the University of Cluj emerged victorious, earning their fifth first-place title. Second and third places went to two teams from the Bánki Faculty: "Megaméter" and "S.Z. & S.Z."

In the Holder category, teams from Istanbul universities swept the podium. Team "Ipekyol" claimed first place, followed by two "Maya" teams in second and third. Our own Bánki Faculty team finished in fourth place with an impressive 338.2 kg load capacity.

Awards were presented by **Dr. Viktória Sugár,** Vice-Rector for Sustainability and Strategic Developments, and **Prof. Dr. Zoltán Rajnai,** Dean of the Bánki Faculty. Special prizes were awarded as follows:

- Aesthetic Award: "Megaméter" team
- Innovation Award: University of Cluj team
- Gyermelyi Ltd. Special Prize: "Mekaronika" team from Sapientia Hungarian University of Transylvania (Târgu Mureș Faculty)
- Hungarian Chamber of Engineers Prize: "Megaméter" team
- Kaposvár Science and Innovation Park awarded special recognition to all Bánki Faculty teams.

To mark the anniversary, a surprise RECCS Jubilee cake and cupcakes decorated with the number 10 were presented.

In her closing remarks, Dr. Viktória Sugár thanked all teams for their participation, creativity, meticulous planning, and perseverance. The bridges were not only feats of engineering but true works of art. As always, the dramatic collapses thrilled the audience and showcased the impressive physical forces at play on these fragile but brilliantly designed structures. Although the world record remained intact, it was nearly surpassed in the Holder category.

She expressed gratitude to the Bánki Faculty's Technical Office and all contributors for organizing a high-quality event.

IFAC ACE 2025 Officially Opens at Obuda University

The 14th IFAC Symposium on Advances in Control Education (IFAC ACE 2025) was held from June 17 to 21, 2025, in Budapest, Hungary, bringing together experts from academia and industry for five days of scientific exchange and professional dialogue on the future of control education.

The symposium officially opened on **June 18** with a ceremony hosted at **Obuda University.** Attendees were welcomed by **Prof. Dr. Levente Kovács**, Rector of Obuda University and Chair of the National Organizing Committee. Opening remarks were also delivered by **Cristina Stoica**, Chair of the International Program Committee (IPC), and **Antonio Visioli**, IPC Co-Chair, both of whom emphasized the importance of international collaboration and innovation in the field of control education.

The ceremony concluded with a keynote lecture by **Thomas Metz** from **Bosch**, who shared valuable industry insights into current trends and practical challenges in control engineering.

As part of the official program, participants took part in a **technical tour at Bosch**, where they gained firsthand experience of the company's latest developments and applications in control systems and automation.

IFAC ACE 2025 once again proved to be a key international platform for advancing control education, fostering global cooperation, and bridging the gap between academic research and industrial practice.

For more information please log on to *https://conf.uni-obuda.hu/ifac_ace_2025*

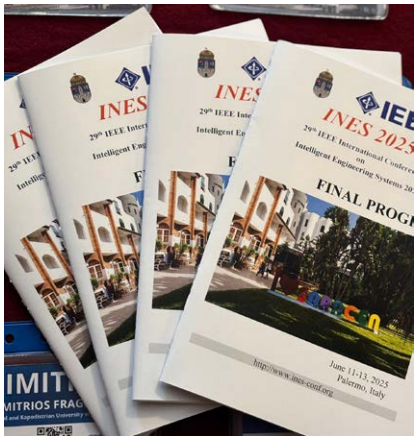
INES 2025 Conference in Palermo, Italy

The 29th IEEE International Conference on Intelligent Engineering Systems (INES 2025) was held from June 11 to 13, 2025, in Palermo, Italy, at the Saracen Sands Hotel & Congress Centre.

The Opening Ceremony took place on behalf of Prof. Dr. Levente Kovács, Rector of Obuda University, and was officially opened by Prof. Dr. László Gulácsi, Vice-Rector for Research at Obuda University.

Following the opening, Dr. Dániel András Drexler welcomed the participants and presented key facts about this year's edition of the conference. A total of 87 papers were submitted, of which 70 were accepted and published. Participants from 17 countries attended the event, underlining its international relevance.

The first day featured two distinguished plenary lectures. Prof. Dr. Andrea De Gaetano, affiliated with the National Research Council – IRIB-CNR and IASI-CNR (Palermo and Rome, Italy), as well as Obuda University (Budapest, Hungary), delivered a talk titled "PINNs and Sobolev Spaces." Prof. Dr. Márta Péntek, from the Health Economics Research Centre, University Research and Innovation Center, Obuda University (Budapest, Hungary), gave a lecture titled "Value in Health Technology Innovations."



INES 2025 offered a high-quality scientific program, fostering international collaboration and knowledge exchange over the three-day event in Palermo.

For more information please log on to *http://www.ines-conf.org*
The conference proceedings is now available via *IEEE Xplore*

Papers are indexed by **Scopus**.

10th Antal Bejczy Robotics Competition Held at Obuda University's Alba Regia Faculty

Obuda University's Alba Regia Faculty organized the 10th annual Antal Bejczy Robotics Competition for high school students in 2025. The event is named after Professor Antal Bejczy—engineer, physicist, space researcher, and honorary citizen of Fejér County. This year, nine teams entered the challenge.

The award ceremony was held alongside a Student Research Orientation Day, attended by Attila Mészáros, Deputy Mayor of Székesfehérvár; Dr. habil. Éva Hajnal Nagyné, Vice-Dean for Research; and Dr. Péter Udvardy, university associate professor and lead organizer of the competition.

In his welcome speech, the deputy mayor emphasized the importance of offering creative opportunities for young people and connecting these to the city's growing focus on robotics. Dr. Hajnal highlighted the university's dedication to talent development and promoting technical culture among youth. Dr. Udvardy reflected on the history of the memorial competition and this year's task: building a gearbox and a conveyor belt using LEGO Mindstorms EV3 kits.

OFFICIAL RESULTS:

1st place: *"Robotikai Hősök"* – Hunyadi Technical School, Székesfehérvár

2nd place: *"VMgoLego"* – Vörösmarty Mihály Technical School

3rd place (shared): *"Mikrobi"* – Széchenyi István Technical School and *"TechTrió"* – Rudas Economic Technical School, Dunaújváros

Professional Visit to Albania by Sports Economics MA Students

From June 18 to 22, a student group from the Sports Economics MA Project Management course participated in a professional field visit to Albania. The main goal of the trip was to implement, in practice, the project work they had developed during the semester.

Eszter Sidlovics, Marcell Nyerges, Máté Iváncza, and Ádám Stelczer designed and conducted a multi-part workshop for the Albanian Handball Federation. The sessions were held in Elbasan and attended by coaches, club officials, and school representatives involved in the national handball development program. The workshops focused on strategic planning, sport development, and knowledge sharing to support the growth of handball in the region.

During the visit, the group also held a professional meeting with the president of Elbasan SK, one of the city's major sports clubs. In Tirana, they were received by Fidel Yili, president of the Albanian National Olympic Committee (KOKSh), which added significant institutional support to the initiative.

The students were prepared for the visit and accompanied by their instructor, Zoltán Kynsburg, who provided guidance throughout the project and the trip. The visit served as a valuable opportunity for practical learning and international cooperation in sport development.

Visit of Uzbek Guests to the Institute of Geoinformatics at Alba Regia Faculty

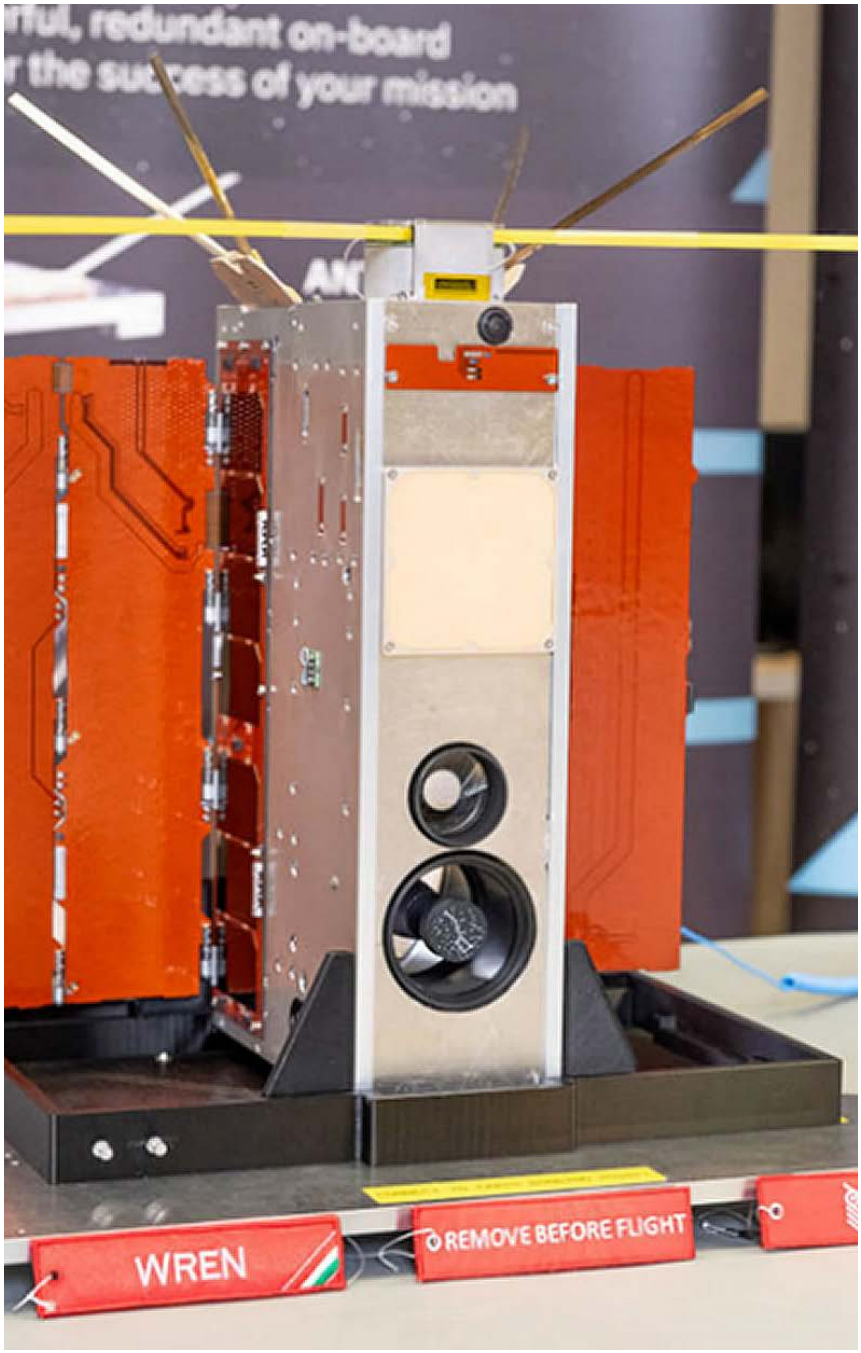
On June 2, 2025, as part of the Erasmus+ program, two lecturers from the Tashkent Institute of Irrigation and Agricultural Mechanization Engineers (TIIAME) in Uzbekistan—Ilhom Abdurahmanov and Khoijakbar Khasanov—visited the Institute of Geoinformatics at the Alba Regia Faculty of Obuda University.

The primary purpose of the visit was to strengthen ongoing research collaboration, with a particular focus on remote sensing and drought mapping. During the meetings, participants reviewed the results of previous joint projects and discussed the preparation of new co-authored publications and joint conference presentations.

The visit provided an excellent opportunity to deepen international scientific cooperation and laid the groundwork for the successful implementation of future collaborative research proposals. Strengthening these academic ties contributes to both institutions' long-term goals in advancing geospatial science and addressing global environmental challenges.

WREN–1: Hungary's Largest Nanosatellite Operating Successfully with Óbuda University's Contribution

Hungary's largest domestically developed nanosatellite, WREN–1, is now in operation and has begun transmitting its first satellite images.

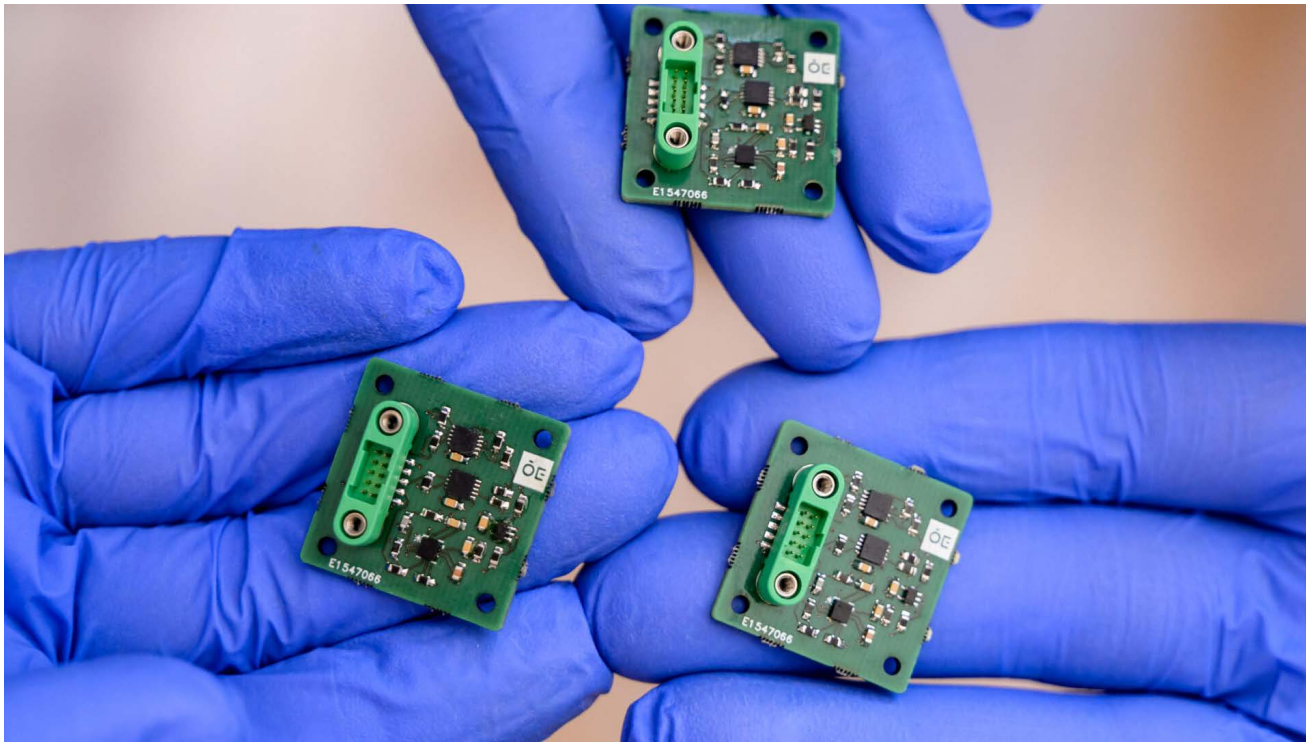


The satellite was launched into orbit in August 2024 by a consortium led by COMBIT Zrt. (a Grepton Zrt. subsidiary) in collaboration with Óbuda University, Széchenyi István University, and C3S Ltd. Its main mission is to support Hungarian agriculture, particularly through drought monitoring.

Developed with significant input from Obuda University researchers, the satellite carries a microvibration analysis unit designed by faculty from the Kandó Kálmán Faculty of Electrical Engineering. The system helps improve image post-processing and was coordinated by Dr. habil. György Eigner and Dr. Małgorzata Verőné Wojtaszek.

WREN–1 is equipped with a multispectral SWIR camera and a position sensor, as well as a soil moisture monitoring unit developed at Obuda University. By integrating high-resolution remote sensing with AI-driven data analysis, the project aims to improve drought prediction and agricultural decision-making, enhancing the precision of irrigation, fertilization, and spraying.

Launched into a 500 km orbit, WREN–1 is expected to operate for 3–5 years. Data will be available through a public web portal and an API, with future plans including onboard reprogramming and the expansion to a satellite network. The project, funded by the European Union, marks a major step forward for Hungary's digital agriculture and space industry.



WREN-1 nanosatellite is operating successfully

Hungary's largest, self-developed nanosatellite to date, WREN–1, is already sending its first satellite images. The consortium led by COMBIT Zrt., the largest subsidiary of Grepton Zrt. - whose members are Obuda University, Széchenyi István University and C3S Kft. - launched the satellite into orbit around the Earth in August 2024, the primary goal of which is to support Hungarian agriculture with special regard to drought monitoring.
With the professional and research contribution of Obuda University, in cooperation with the consortium partners, and as a result of significant development work, the WREN satellite is successfully operating.

The coordinator and professional leader of the program is Dr. Małgorzata Verőné Wojtaszek, associate professor of the Alba Regia Faculty. At the initiative of the rector Prof. Dr. Levente Kovács, and under the coordination of Dr. habil. György Eigner, a microvibration analysis card designed by two lecturers of the Kandó Kálmán Faculty of Electrical Engineering, Dr. Sándor Gyányi and Dr. habil Tibor Wührl, was placed on board. Tamás Csibrák provided technical assistance for this. (The on-board microvibration analysis data provide assistance in the processing of high-resolution images and image enhancement post-processing.)

Following its launch and several months of technical testing, it regularly transmits remotely sensed data from the territory of Hungary. In addition to a multispectral, SWIR camera and position measuring devices, a microvibration monitoring unit developed by Obuda University was also placed on board the satellite. The aim of the project is to provide forecasts of areas at risk of drought in the knowledge of the continuously updated data, in periods of rainfall deficiency that are increasingly occurring as a result of global climate change. Drought damage can be mitigated thanks to drought monitoring. Using the data from the 116 measuring stations built by the National Water Directorate General, and supplementing it with high-resolution, multispectral satellite images, a system and technology can be »

developed that provides greater predictability for agriculture, including farmers. Using the possibilities of artificial intelligence, the processing of satellite images provides timely data and information on soil moisture and vegetation status, which warns of the necessary intervention, and can also be used in decision-making support for precision farming.

The research started with the currently available satellite data, the large number of measurements carried out on soil samples in the test area, the discussions with the developers and, last but not least, the efficient cooperation of the consortium members, was completed a year and a half ago.

The development of indices and models suitable for estimating soil moisture is based on several years of research work, which includes a large number of in situ measurements carried out at several times. Cameras were also tested in laboratory conditions, during which soil samples with known moisture content were examined for reflectance. After being launched into orbit, the first and most important task was to establish a connection between the satellite and the ground receiving station. The units on board the satellite must perform a number of tasks, such as providing the energy necessary for operation, controlling the cameras, taking images of Hungary at regular intervals, storing them, and transmitting them to the ground station.

The on-board multispectral camera system is already operating successfully, taking images of the country's arable lands. Based on the data obtained in this way, researchers are able to create an accurate picture of soil moisture and the state of vegetation, which is key information for precision farming.

WREN-1 can also "look" to the side, so it can cover a larger area during a pass than satellites of a similar category. This allows data to be collected from target areas more frequently. This information helps farmers optimize nutrient supply or spraying.

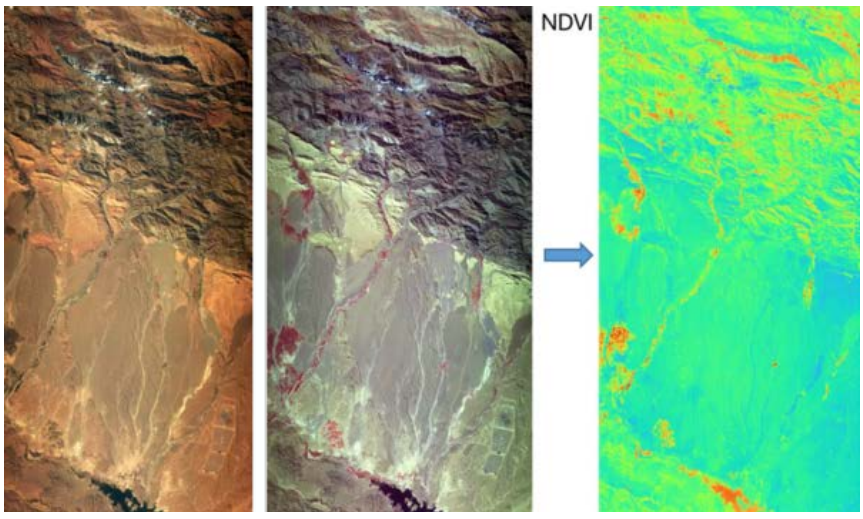
Currently, the algorithms required for automatic pre-processing of satellite data are being tested, which is a fundamental condition for the practical use of the data.

Given the bad weather conditions in 2025, the satellite also took images from other parts of the world, so the testing of the pre-processing algorithms began at that time. (The weather was bad in Hungary, so the images were taken from cloud-free areas.)

The satellite orbits in a low orbit of approximately 500 kilometers, and is expected to have a planned operating time of at least three years, but under suitable conditions it could operate for up to five years.

The availability of Earth observation data is being developed in two directions during the project: there will be a public web interface and a programmable interface (API) for external systems. According to the developer's plans, it will also be possible to program the satellite's on-board computer from Earth.

WREN-1 is not only a technological success, but also offers long-term opportunities



Photos: Robert Deaves (UK)

Mechanical Engineering Student's Sporting Success

Elemér Péter Haidekker Finishes as Top Hungarian Competitor in the Finn Dinghy European Championship, Taking 17th Place Overall in Naples.

This year's European Championship took place in Naples, Italy, from April 5–12, 2025. The event saw 111 competitors from 20 countries line up in the Finn Dinghy single-handed class. The 14-member Hungarian national team was the second-largest contingent after the host country, Italy. Among them, the top-performing Hungarian was Elemér Péter Haidekker, a mechanical engineering student from the Bánki Faculty of Obuda University, who secured an impressive 17th place overall. We extend our heartfelt congratulations on his outstanding achievement!

The Finn dinghy is a single-handed Olympic sailing class designed for the 1952 Helsinki Summer Olympics. As a one-design class, all boats are built to identical specifications—same dimensions, sail area, weight, and materials—ensuring that the results depend purely on the sailors' skills, physical condition, tactical decisions, and maneuvering abilities, rather than technical advantages between boats.

The first two days of the championship were dedicated to registration and boat measurement checks. Racing took place over the following five days, with competitors completing two races per day. All 111 boats started together in each race, each lasting approximately one hour. Points were awarded based on finishing position: 1 point for first place, 2 points for second, and so on. The final score was the sum of all race results, with the lowest total score winning.

Below you can read Péter Elemér Haidekker's own report, as well as his answers to our questions:

"We raced two heats per day over five days, in light to moderate wind conditions. Each race was physically demanding, and there was little time to recover by the next day. I had a rough start to the event—after finishing 102nd in the first race, I knew I had already used my one discardable result. Fortunately, »

in the following nine races, I managed to finish in the top 20 every time except twice. I was especially happy to place 2nd in the 7th race, out of a 110-strong fleet. I wrapped up the final day with two good results (11th and 6th), which helped improve my overall ranking. I finished 17th overall at the European Championship, making me the top Hungarian competitor."

How did you prepare for the championship?

"During winter, when water training isn't possible in Hungary, I focused on dry-land strength and endurance training—5 to 6 gym sessions per week, including sport-specific exercises, running, cycling, and rowing. I also paid close attention to my diet and nutrition. From March onward, I trained with my coaching partners on Lake Balaton."

Was it difficult to prepare alongside your university studies?

"Personally, I find it particularly challenging to balance sports with my studies—both require a lot of time and effort, and time is a limited resource. The hardest part is time management, ensuring that neither area suffers. Fortunately, my professors at the university are very supportive and help me keep up with the curriculum when I need time off to prepare for competitions."

What's next for you?

"Now that the European Championship is over, my focus shifts to completing my studies as a final-year student. The competition season in Hungary started in April, so I'm racing domestically while continuing my training. I'm also preparing for the World Championship in early September, which will be held in Cascais, Portugal."

We wish Elemér the best of luck in both his continued training and academic pursuits!

https://bgk.uni-obuda.hu/en/mechanical-engineering-students-sporting-success/

Our Formula Student Team's New Race Car Has Been Unveiled!

On June 26, 2025, our students proudly presented their latest Formula Student race car — the Pelikán— representing the Obuda University Racing Team!

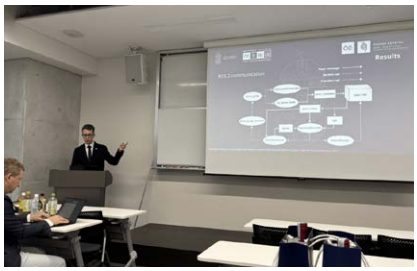
The Pelikán is an improved version of last year's Tukán model, featuring not only aerodynamic innovations but also advancements in reliability and performance. One of the key highlights of the new car is its wide rear wing and Venturi-channel floor, which together generate downforce comparable to that of modern Formula 1 cars. The suspension has also been redesigned, incorporating slimmer, stronger components and a highly adjustable anti-roll bar — again, inspired by F1 technology.

We can't wait to see this machine in action at full-speed competition!

https://bgk.uni-obuda.hu/en/our-formula-student-teams-new-race-car-has-been-unveiled/

Mobility Program: **A Memorable Visit to Tokyo**

As part of a mobility program, we had the opportunity to visit Tokyo together with colleagues and students from the Antal Bejczy Centre for Intelligent Robotics, with the purpose of university visits and attending a conference. The nine-person group flew from Budapest Liszt Ferenc Airport on a China Eastern Airlines flight, departing on Sunday at noon. After a layover in Shanghai, we arrived at Tokyo Narita Airport around noon local time on Monday. Following passport and customs checks, each participant successfully obtained a Suica card for local transportation, and we then traveled by train to our accommodation. We closed the first evening with a light dinner and a short walk, after which everyone rested to start the conference's professional program fresh the next day.



After resting in the morning on Tuesday, we began our professional program in the afternoon at Tokyo Metropolitan University, attending the International Workshop on Community-centric Systems and Robots 2025 (IW-CcSR 2025) conference. Following the opening,

Professor Dr. Péter Galambos presented how robotics and generative AI are intertwined through a research project from Obuda University. Through the exciting presentations of young Japanese and Hungarian researchers, we saw how artificial intelligence and

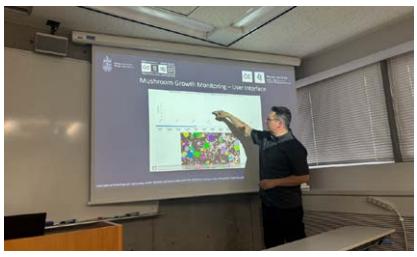
»

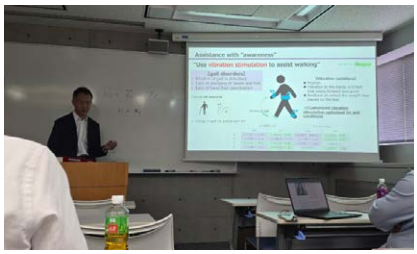
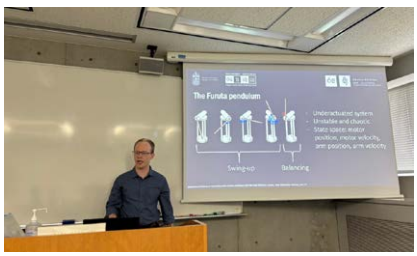
robotics are integrated according to the latest research trends, leading to lively professional discussions during breaks. We concluded the day with a relaxed Japanese dinner, where we could also share our personal experiences.

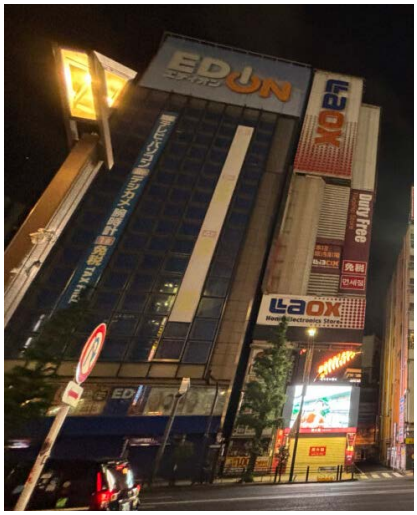
Tokyo Metropolitan University Hino Campus

The program of the International Workshop on Community-centric Systems and Robots 2025 (IW-CcSR 2025) conference continued on Wednesday morning at Tokyo Metropolitan University. The Wednesday session was opened by Dr. Hirooki Shibata, a young researcher from the university. He presented mathematical models of a new type of neural network, which accelerates teaching processes and allows networks to run efficiently on specific hardware environments. Following this, Tadamitsu Matsuda from Juntendo University gave a talk on the benefits of integrating various medical rehabilitation methods into engineering systems. His presentation particularly highlighted the possibilities of interdisciplinary collaboration between the universities present at the conference. The program continued with presentations from young researchers from Obuda University and Tokyo Metropolitan University. These presentations offered exciting insights into the latest research directions, especially in combining robotics and artificial intelligence to solve complex problems – in both everyday life and various industrial sectors. One of the closing talks of the conference was given by Ryota Yamada from OMRON Corporation. He demonstrated how next-generation AI solutions and 5G technologies can facilitate faster data capture and processing and open up new possibilities for enhancing industrial process efficiency. The coffee and lunch breaks, as well as the informal conversation with cakes and soft drinks, provided excellent opportunities for participants to exchange ideas, share experiences, and discuss the foundations of methodological collaborations. In the evening,





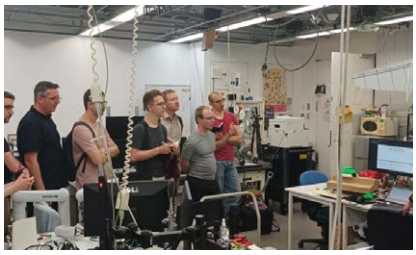
Akihabara shopping street

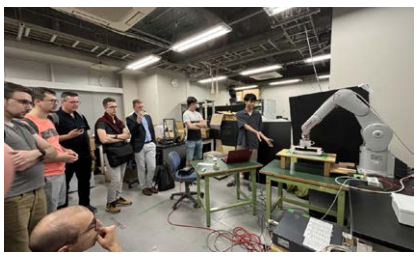
Shibaura Institute of Technology Campus

the BARK team concluded the day with a ramen dinner, and we visited Tokyo's famous shopping district, Akihabara, to pick up souvenirs. However, since it was already quite late, most shops were closed, and after a brief look around, we returned to our accommodation.

On Thursday, we spent the day visiting the laboratories at Tokyo Metropolitan University, where we had the chance to explore the work of various research groups. In the Kubota lab, we learned about the "Living Lab" system developed by the "Intelligent Robotics Laboratory," which offers cognitive and motion analysis technologies for use in hospitals. In the Wada lab, we saw various service robots in action, including automated shelf-fillers, cleaning systems, and therapeutic robots designed for the elderly. In the Shimokawara lab, we discovered projects focused on integrating intelligent systems. The Takesue lab presented robotic solutions for aviation and underwater transportation. In the afternoon, we visited the TLL and Room J spaces, where various interdisciplinary research directions were showcased. The second half of the day was spent at the Minami-Osawa campus, where we explored new projects in the Yamamoto and Kubota labs. We ended the day by visiting the Asakusa market and the famous Senso-ji Buddhist temple in central Tokyo, gaining insight into Japan's cultural heritage.

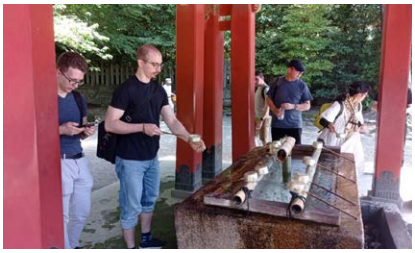
Kubota Lab





On Friday, we were hosted by Yoshimi Takashi's students at the Shibaura Institute of Technology's Toyosu campus, some of whom had visited us the previous year. During the meeting, the Japanese students presented their current research findings. We saw candle-molding techniques, robot controls, and explored the modern Toyosu campus building, where we visited several labs. Among the robots showcased were mobile robot platforms, including those specifically designed for human-robot interactions, as well as robotic arm systems that can efficiently handle textiles. At the end of the visit, as in the previous days, we also presented our research topics and thanked our hosts for their warm welcome with small gifts. In the evening, we explored iconic landmarks in Tokyo: we visited the Rainbow Bridge from the Odaiba

Odaiba, Rainbow Bridge in the distance



Komachi Street

Enoshima Shrine Entrance

Kōtoku-in

Tsurugaoka Hachimangu Shrine Entrance

Tsurugaoka Hachimangu Shrine

waterfront, then immersed ourselves in the bustling atmosphere of Shibuya and crossed the famous Shibuya crossing.

On Saturday, our group visited Kamakura, where we first explored the Tsurugaoka Hachimangu Shrine. The traditional Japanese architecture and religious symbols, such as the ritual hand-washing basin, created a unique atmosphere at the site. In the nearby Komachi street, we tasted Japanese street food and bought souvenirs, including crispy meatballs and fish-shaped vanilla-filled sweets. After that, we visited the famous Great Buddha statue (Kōtoku-in), where the incense burners and the peaceful atmosphere offered an especially authentic experience. In the afternoon, we traveled to Enoshima Island by a nostalgic train. Upon arrival, we took a short break by the ocean, where, despite our efforts, we had to share our lunch with the predatory birds circling the beach. We then took a walk to the Enoshima Shrine at the top of the hill, and descended to the rocky shore where we found small crabs and shells. Some of us were even caught by larger waves while standing at the edge of the rocks.

Enoshima shore

Although the weather wasn't perfectly clear, we could still see the silhouette of Mount Fuji through the mist in the distance. We concluded the day by returning to the beach, where we spent the late afternoon swimming.

On our group's last full day in Tokyo, there was no joint program, so everyone had the freedom to organize their own day. In the morning, a few of us started by visiting the Tokyo Metropolitan Government Building observation deck, followed by a walk and photos in the nearby Yoyogi park. One person ventured out alone towards the park, exploring the city along the way and stopping by the Japanese parliament building. Three other group members

spent the first part of the day visiting Tokyo's photography specialty stores, one of whom made a purchase and went on an independent walk to try out the new camera. Later, they joined the others in the park, so almost everyone met during the morning. Afterwards, the group split into smaller groups again: some went shopping, while others continued sightseeing. Lunch was taken at various places. Some chose a ramen restaurant popular with locals, while others dined at Japanese fast food chains like Burger King or McDonald's. In the evening, several people enjoyed themselves in an arcade, including one who played on a drumming simulator, while others walked or exercised, for example, running around the Imperial Palace park. Dinner was again in smaller, self-organized groups at different restaurants.

On the final day with the BARK team, we split into smaller groups to explore what matched our personal interests and time constraints. In the morning, some of us visited the Ueno Zoo park, where we explored much of the area, including the outer park, the Shinobazuno Pond, and the museums located on the park grounds, including the Tokyo National Museum. Unfortunately, the zoo was closed on Monday, so we couldn't see the animals. After that, continuing north through the Taito district, we reached the Yanaka Ginza shopping street, where we found souvenirs and other products at affordable prices. Meanwhile, the other half of the team also picked up their remaining souvenirs and visited the nearby Extinct Media Museum. Our return trip was smooth, with our flight departing from Haneda Airport at 8 PM Tokyo time, and we arrived in Budapest at 7 AM the next morning. We express our sincere gratitude to the University's Mobility Office for organizing the trip and to Professor Dr. Péter Galambos for coordinating the program. A special thanks to Kubota Sensei from TMU and the SIT team. We had the privilege to attend extremely exciting and educational presentations and fondly remember the opportunity to explore Tokyo and its surroundings during our free time.

Tokyo Metropolitan Government Office

Ueno Gardens

Ueno Park

Dr. Zoltán Bánföldi DLA exhibits at the Kunsthalle Budapest

Dr. Zoltán Bánföldi DLA, associate professor, painter, the member of Ybl Miklos Faculty of Architecture and Civil Engineering will again exhibit at the Kunsthalle Budapest.

At the invitation of the chief curator of the National Salon of Fine Arts, "Non-fungible tokens", he will be included in this highly prestigious exhibition, organised by the Hungarian Academy of Arts (HAA). The exhibition was opened by Attila Turi, Kossuth and Ybl Prize-winning architect, President of the HAA, and József Szurcsik, Merited and Munkácsy Prize-winning artist, full member of the HAA.

The exhibition is the third in a series of annual National Salon of Fine Arts, presenting the most important endeavours and works of Hungarian art in Hungary and beyond its borders over the past five years.

The title of the exhibition is a term borrowed from the crypto world, meaning a virtual object with a unique digital ID, but the term in its modernly ingenious way captures something of the essence of fine art.

The exhibition is open until 28 September 2025.

https://ybl.uni-obuda.hu/en/dr-zoltan-banfoldi-dla-exhibits-at-the-kunsthalle-budapest/

Teachers and Students on a Study Trip to Egypt

In June, Benha University in Egypt hosted a delegation of eight from the Ybl Miklós Faculty of Civil Engineering and Architecture to discuss the mutually benefitting fields of cooperation and partnership to be pursued in the future.

Benha University is one of Egypt's most developing universities with fifteen faculties and extensive inter-university international relations, playing a crucial role in the region's educational, scientific and economic development.

At the meeting, the faculty was represented by two staff members of the Institute of Civil Engineering, Dr. Eszter Horváth Kálmán, associate professor, geotechnical engineer and Zoltán Horváth, Egyptologist, accompanied by a group of six undergraduate students majoring architecture and civil engineering.

Heritage protection, including documentation, preservation and management of deteriorating, highly endangered historical sites, has emerged as a most promising field of project-based scientific partnership.

https://ybl.uni-obuda.hu/en/teachers-and-students-on-a-study-trip-to-egypt/

GreenQual Workshop in Krakow

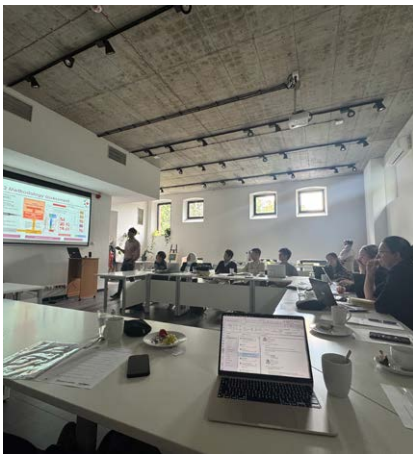
We are pleased to announce that the first workshop of the GreenQual international research project has been held in Krakow!

The GreenQual project aims to improve the microclimate of our cities by increasing green spaces, measuring and modelling the positive effects that can be achieved, which will help to fight the urban heat island effect, among other things!

In addition to the Ybl team from Óbuda University, our partners from the University of Agriculture in Krakow, F4STER Zrt. and the University of Osaka participated in the event.

The professional programme not only included exciting presentations, inspiring discussions and joint planning, but also site visits, which was an important step in advancing the selection of research targets. It also allowed us to take the practical groundwork for the project to a new level.

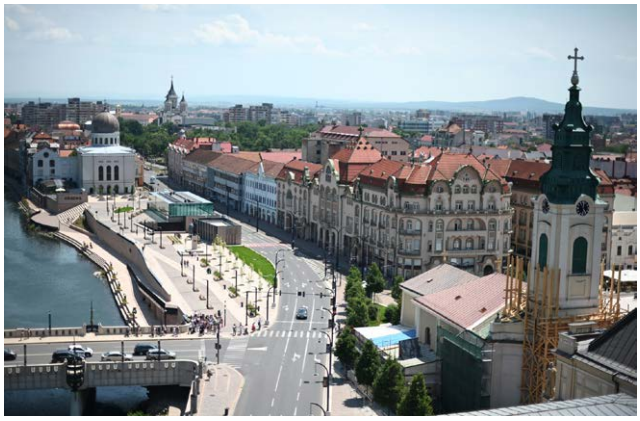
GreenQual: Investigating the Role of Greenery to Improve Climate Resilience, Water, Soil and Air quality in Dense Urban Fabric project is co-funded by the European Interest Group (EIG) Concert-Japan and the Hungarian NRDI program under the Nr. 2024-1.2.2-ERA_NET-2024-00006.



https://ybl.uni-obuda.hu/en/greenqual-workshop-in-krakow/

Modern Desires, Modernising Architecture

A study trip to Oradea for the Doctoral School of Architecture, Design and Technology.



From 5 to 8 June 2025, students from the Doctoral School of Architecture, Design and Technology at Ybl Miklos Faculty of Architecture and Civil Engineering participated in a study trip to Oradea. This coincided with local events celebrating World Art Nouveau Day. The study trip programme therefore included visits to various architectural and artistic monuments, as well as a scientific lecture and an exchange of professional experience. Oradea Heritage, a branch of the Oradea municipality, joined the World Art Nouveau Day initiative in mid-2010. Since then, events have always taken place on a weekend around 10 June to commemorate this significant date.

Between 1899 and 1914, the city witnessed a period of intense building activity characterised by a wide range of changing ideological, decorative, functional, and technical contexts of proto-modern architecture. Many of these buildings have undergone general or partial rehabilitation, and the city has made considerable efforts to incorporate them into the international cultural tourism circuit.

The group was assisted by Ákos Moravánszky, who had been invited by Oradea Heritage to deliver a lecture in Oradea this weekend on the relationship between rational and folk art in Hungarian Art Nouveau. During the building tours he led for students of the doctoral school, he shared several of his insights and critical comments.

https://ybl.uni-obuda.hu/en/modern-desires-modernising-architecture/

Successful mobility to Portugal

Between 26 and 30 May, Dr. László Szűcs, Director of the Institute of Civil Engineering and Barna Mihók, Deputy Director of the Institute, visited Tomar, Portugal, in the framework of the Pannonia Mobility Programme 2024-2025, for a short visit to the local University of Technology.

During their stay at the institute, they met with the International Relations Office, the Director of the local Civil Engineering Department, Professor Ana Paula Machado, Erasmus Coordinator Professor Carlos Rente, and Professors Ricardo Pires and Nuno Silva, and joined classes in Project Management, Concrete Structures and Building and Structural Systems.

In addition to the official programmes, they had the opportunity to celebrate World Day for Cultural Diversity for Dialogue and Development with the local community.

Congratulations on a successful mobility, as our international connections ensure that we can be part of the academic discourse beyond our borders!

https://ybl.uni-obuda.hu/en/successful-mobility-to-portugal/

Cultural Crossroads: Fostering European Identity through Heritage Engagement

Andor Wesselényi-Garay, a professor at the Ybl Miklós Faculty of Architecture and Civil Engineering, is an architectural expert working on the 'Fostering European Identity through Heritage Engagement' project.

The project aims to promote European identity among young people by encouraging them to embrace and restore cultural heritage. The project also seeks to establish a framework for the restoration of community heritage sites as an innovative approach to youth work. Last but not least, the project aims to raise awareness of the principles of unity and diversity, cultural identity and awareness, and historical heritage.

The project is structured around the following activities:

- Developing a toolkit to help youth workers implement heritage engagement activities in their daily work.
- Conducting intensive training sessions for youth workers and volunteers in heritage conservation, both experienced and inexperienced.
- Facilitating three youth exchange programmes focusing on heritage restoration in Hungary, Romania, and Italy.
- Working with local communities, NGOs and educational institutions to support heritage conservation initiatives.

The first project site was Bögöz and Agyagfalva, where practical workshops on church renovation were organised at the end of June.

https://www.cultural-crossroads.eu/