

U Science & Society



NEWSLETTER OF THE OBUDA UNIVERSITY | NOVEMBER 2025



3

University Day 2025



4

Hungarian Science Festival 2025 (TI)



6

We have awarded new doctors and habilitated doctors! (TI)



28

Record Participation at the 62nd Student Research Conference (KGK)

TI

- 3 University Day 2025
- 4 Hungarian Science Festival 2025
- 5 CINTI 2025 at Obuda University
- 6 We have awarded new doctors and habilitated doctors!

NKI

- 7 Obuda University in the ShanghaiRanking – Electrical & Electronic Engineering
- 7 Call for Young Researchers – TUKE–OU Young Researchers' Grant 2026
- 8 Strengthening Ties with National Tshing Hua University
- 9 The Hungarian STEAM Platform Strengthens Its Position at the EU STEM Coalition General Assembly in Brussels

EKIK

- 12 OE Space Day: OE SpaceLab hosted the Hungarian Space Lab Network's space research and space technology meeting

AMK

- 13 AIS 2025 International Scientific Conference at Alba Regia Faculty

- 14 Harman Hackathon held in Székesfehérvár

BGK

- 15 Presentation of the Golden Commemorative Diplomas
- 16 This year's ESB concluded successfully / Engineering Symposium at Bánki 2025
- 17 The Future of Critical Infrastructure Protection at ICCECIP 2025
- 19 Project RUBIK Team Students Presented Their Experiment in the Netherlands
- 20 Paying Tribute to the Science of Fire Protection

KVK

- 21 Research, Innovation and Vocational Teacher Education in Focus at the Kandó and Trefort Conferences (2025)
- 22 Life Cycle Assessment Conference at the Kandó Faculty (XX LCA Conference, 2025)
- 23 PhD Workshop and Conference
- 23 41st Kandó Conference

KGK

- 24 Building Trust and Renewal in Times of Crisis
- 25 Change as an Opportunity: Inspiring Lecture on Growth
- 26 LinkedIn as a Growth Platform: Skills, Network, Career
- 27 Navigating Shiftstorms: Leadership in a Changing World
- 28 Record Participation at the 62nd Student Research Conference
- 29 Super Mutter Workshop: Real Insights from the Industry

NIK

- 30 A new era in Medical Technologies: Obuda University opens MedTech Center

RKK

- 31 "Focus on Hungarian Brands": Óbuda University's Institute of Product Design Shines at BDW 2025

YBL

- 32 Zsombor Rácz's first solo photography exhibition
- 33 Publications by Barna Kovács-D. in OCTOGON and régi-új Magyar Építőművészet
- 34 Double Success at the Media Architecture Awards Gala

University Day 2025

Obuda University marked a triple anniversary: the legacy of its 630-year-old medieval predecessor, its 145-year-old legal predecessor, and 15 years as a university converged with the present.



The University not only preserves but actively renews its traditions and is committed to passing them on to future generations. Recent achievements attest to its position as a key player in the national and regional innovation landscape; its strength lies in balancing tradition with future-building, supported by a network that stretches from the Far East to the United States.

Speeches were delivered by **Prof. Dr. Levente Kovács**, Rector of Obuda University, as well as **Dr. András Cser-Palkovics**, Chair of the Board of Trustees of the Rudolf Kálmán Óbuda University Foundation, **Attila Fülöp**, State Secretary, **Annamária Pószánné Rácz**, Deputy State Secretary, **Dr. Orsolya Ferencz**, Ministerial Commissioner for Space Research, and **Gyula Cserényi**, trained astronaut. **Rector's Certificates of Recognition** were awarded to **Tibor Kapu** and **Gyula Cserényi**. This year's honorees—**Doctor Honoris Causa (DHC)**, **Honorary Professor**, **Rudolf Kálmán Professorship**, and **Honorary Citizenship**—further confirm that the University not only cherishes its traditions but also actively shapes technical and scientific innovation.



Following Obuda University's Jubilee University Day, the inaugural lectures were held on 21 November 2025. The program opened with welcome remarks by Prof. Dr. Levente Kovács, Rector of Obuda University, followed by presentations from Prof. Dr. Jia-Yush Yen (Dynamic Gait Balancing of the Exoskeleton Pilot), Prof. Dr. Haibin Zhu (E-CARGO/RBC: Enabling Research Innovations in the Era of AI), Prof. Dr. Jón Atli Benediktsson (Advancing Geoscience through Large-Scale AI and Remote Sensing with Supercomputing), and Dr. Gernot Kronreif (Translational R&D in Medical Robotics). The University leadership extends its appreciation to all speakers and participants.



"The primary value of the university lies in its university teachers, professors, professors emeritus, and emeriti, whom we treat with the utmost respect and esteem. We paid tribute to them with our traditional ceremony."

I am extremely proud to be able to welcome our university teachers after the President of the Republic.

The status and academic and educational perspective of a higher education institution is well reflected in the ratio of university professors who teach and conduct research at the university. The academic status of Óbuda University is significantly enhanced by the fact that 64 university professors now teach and conduct research at our university."

Our new professors are: Prof. Dr. György Eigner, Prof. Dr. Balázs Mikó, Prof. Dr. Andor Wesselényi-Garai, Prof. Dr. Gábor Kiss. Prof. Dr. Róbert Lovas has already joined our university as a professor. This year, two professors became emeritus members: Prof. Dr. Marianna Halász and Prof. Dr. László Pokorádi.



Hungarian Science Festival 2025

The Hungarian Science Festival 2025 Opening Ceremony was held today at Obuda University, marking the beginning of a month-long national celebration of Hungarian scientific achievements.

This year's festival carries special significance, as both the Hungarian Academy of Sciences and Obuda University are celebrating their bicentennial and jubilee year, respectively—symbolizing a shared legacy of advancing knowledge, innovation, and education in Hungary.

The ceremony began with the introduction of the head table, followed by a welcome speech by Prof. Dr. László Gulácsi, Vice Rector for Research, delivered on behalf of Prof. Dr. Levente Kovács, Rector of Obuda University.

The program continued with the presentation of several prestigious recognitions:

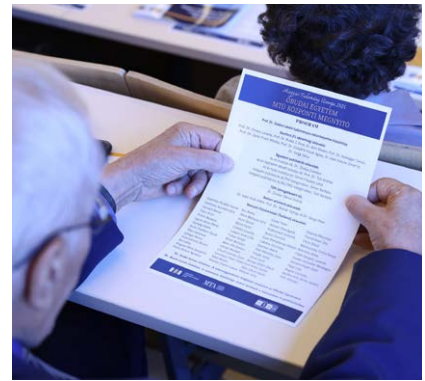
- Stanford 2% Certificates, honoring researchers among the world's top 2% most cited scientists
- University Publication Certificates for outstanding scientific output
- Researcher of the Year Award
- Most Cited Researcher of the Year Award
- Young Researcher of the Year Award
- Student Publication Awards in both PhD and BSc/MSc categories
- TDK Supporter Award, recognizing excellence in student research mentoring
- National Higher Education Scholarship Certificates



Following the Award Ceremony, participants were invited to two keynote lectures:

- Dr. István Szabó, who presented “The Renewed Talent Development System at Obuda University”, highlighting new initiatives that strengthen research mentorship and academic excellence; and
- Dr. László Berek, who delivered a thought-provoking lecture entitled “The Responsibility of Science – Ethical Issues in Research and Publication”, addressing the moral dimensions of scientific work and providing additional insights into the ethical foundations of innovation and academic integrity at the university.

The event set the tone for a month of scientific celebration, showcasing the vitality of Hungarian research and the university's commitment to nurturing the next generation of scholars.





CINTI 2025 at Obuda University

Obuda University opened the 25th International Symposium on Computational Intelligence and Informatics (CINTI 2025) in Budapest, welcoming researchers from 26 countries.

By the numbers: 157 submissions, 133 accepted papers (including plenaries and sessions), participants from 26 countries. The opening welcome was delivered on behalf of Prof. Dr. Levente Kovács, Rector of Obuda University, by Prof. Dr. Péter Galambos, Vice-Rector for Innovation; Prof. Dr. Imre J. Rudas, Founding Rector of Obuda University, and Dr. Dániel Drexler, President of the IEEE Hungary Section, also greeted attendees. This year's conference is dedicated to Prof. Dr. László Horváth in honor of his 80th birthday.

The plenary program featured three invited lectures from Prof. Dr. Shuai Li, Prof. Dr. Tamás Ferenci, and Dr. Gábor Kertész. In the anniversary session for Prof. Dr. Horváth's 80th birthday, two additional talks were delivered: Prof. Dr. Imre J. Rudas, Founding Rector of Obuda University, presented "László Horváth — A Life Dedicated to Computer-based Engineering," and Prof. Dr. László Horváth delivered "Third Paradigm for Automation of Research in Applied Informatics."

At the CINTI 2025 banquet, Prof. Dr. Levente Kovács, Rector of Obuda University, thanked participants for contributing to the conference's strong attendance and growing popularity. Awards presented included the Best Student Paper Award to Attila Bíró, the Grand Award to Prof. Dr. Imre J. Rudas and Prof. Dr. László Horváth, the Best Paper Award to Anca Adriana Petcu Lasc, Outstanding Volunteer to Panna Zsoldos, and the Best Reviewer Award to Ármin Károly.





We have awarded new doctors and habilitated doctors!

Obuda University and its doctoral school have had an extremely successful year: this year, we awarded a total of 21 new habilitated doctors and 34 new doctors.

The numbers indicate that the university is committed to quality. At the ceremonial doctoral and habilitation diploma award ceremony, another 13 PhDs and 14 habilitated doctors received their diplomas.

As a result of the reforms implemented in recent years, the university's doctoral program has undergone significant development. Over the past five years, the number of habilitated teachers and PhD students has increased several times over. The number of students has continued to grow, with 14 new habilitated doctors and 13 new doctors receiving their degrees today. The popularity of our doctoral schools is primarily due to the significant improvement in the quality of research opportunities and, secondarily, to the outstanding scholarships, which we have doubled from our own resources, on my initiative, for our full-time doctoral students, and we have tripled the excellence scholarships.



Obuda University in the ShanghaiRanking – Electrical & Electronic Engineering

Obuda University has achieved an outstanding result in the 2025 ShanghaiRanking's Global Ranking of Academic Subjects: for the first time, the University has been ranked in Electrical & Electronic Engineering, entering into the 200–250 band, and as the only Hungarian university included in this subject category.

The Global Ranking of Academic Subjects (GRAS) evaluates around 20,000 subject units from approximately 2,000 universities worldwide across 57 subjects, using nine objective indicators within five major categories. These include international collaboration, research impact, high-quality publications, and world-class academic performance. This result provides significant international recognition of the institution's achievements in engineering and technological research.

The methodology of the ShanghaiRanking traditionally favors large universities with broad disciplinary portfolios and long-standing research histories. The world's top institutions typically build their leading positions on decades of scientific tradition, extensive academic communities, and high-volume research output. In contrast, Obuda University is a younger, more specialized institution focused on engineering disciplines, with a smaller research population and a distinct technological profile. This makes its debut in the subject ranking, and its immediate placement among the global top 200–250, particularly remarkable.

The overall ARWU world ranking is once again led by Harvard University, Stanford University, and the Massachusetts Institute of Technology (MIT). Each year, the ARWU evaluates more than 2,500 universities worldwide, publishing the top 1,000. In 2025, four Hungarian institutions appear on the overall list: the University of Szeged, Eötvös Loránd University, Semmelweis University, and the Budapest University of Technology and Economics.

Obuda University's first-ever appearance in the Shanghai subject rankings, accompanied by such a strong international position, reflects the consistent high-level work carried out by its researchers, development engineers, research groups, and the centers of EKIK. In the coming years, the University aims to further increase its scientific visibility and strengthen its presence in international rankings, enhancing the global recognition of its achievements

Call for Young Researchers – TUKE– OU Young Researchers' Grant 2026

The Technical University of Košice (TUKE) and Obuda University (OU) jointly announce a grant program for young researchers and lecturers to support their scientific careers and promote research collaboration between the two institutions.

The aim of the *TUKE–OU Young Researchers' Grant* is to encourage high-quality scientific achievements and foster joint publications in prestigious, Q1-ranked journals.

The two-year program has a total budget of EUR 100,000, co-funded equally by the two universities.

The grant offers young researchers the opportunity to enhance their academic performance and visibility at the international level.

The full call is available [HERE](#).





Strengthening Ties with National Tsing Hua University

Following last year's visit by Obuda University representatives to the National Tsing Hua University (NTHU) in Taiwan, a delegation from NTHU's College of Engineering visited Obuda University on 3 November 2025 to continue discussions on strengthening academic and research cooperation. The meeting focused on identifying new opportunities for collaboration in engineering, applied sciences, and innovation, as both institutions expressed their intent to build long-term partnerships in joint research, student mobility, and laboratory exchange.

Led by Prof. Yu-Chen Hu, Dean of the College of Engineering, and Prof. Chih-Yung Huang, Associate Dean, the Taiwanese delegation also included Prof. Heh-Nan Lin and Prof. Bo-Han Huang, representing key disciplines such as materials science, mechanical and aerospace engineering, and chemical engineering.

The program began with a visit to the BARK Robotic Laboratory at the University Research and Innovation Center (EKIK), guided, Vice-Rector for Innovation. This was followed by formal discussions in the Rector's Conference Room, where participants exchanged insights

about their institutions and identified potential areas for cooperation in research, education, and student mobility.

The delegation also toured the MedTech Laboratory at the John von Neumann Faculty of Informatics before concluding the morning with an informal networking session.

The guests were received by Prof. Dr. Péter Galambos, Vice-Rector for Innovation, and Dr. Marcel Pop, General Director for International Affairs. They were joined by Prof. Dr. habil. Róbert Szabolcsi, Dr. habil. László Koltai, Dr. Miklós Kozlovsky,

Dr. habil. Viktor Gonda, Dávid Beke, and Emese Baranyi, representing the university's various engineering faculties and research units.



The Hungarian STEAM Platform Strengthens Its Position at the EU STEM Coalition General Assembly in Brussels

Europe's leading experts and institutional leaders gathered on November 5–6 in Brussels for the Annual General Assembly of the EU STEM Coalition to discuss the future, challenges, and opportunities of STEM and STEAM education. Hungary was represented by Zoltán Márton, Director of the Hungarian STEAM Platform and Head of the STEAM Office at Obuda University, who presented the country's recent achievements and the development of the national STEAM ecosystem.

Last year, **Prof. Dr. Levente Kovács**, Rector of Obuda University, appointed **Zoltán Márton** to lead the STEAM Office, launching the implementation of the institution's five-year STEAM Strategy. The strategy aims to strengthen long-term educational and research directions that integrate scientific, engineering, artistic, and social science approaches.

Over the past year, several initiatives supporting the STEAM approach have been launched. These include the STEAM Excellence Program targeting secondary school students, the first Hungarian STEAM Platform Conference, and the EU STEM Coalition Working Group Meeting, both hosted by the University. The institution also organized Hungary's first International STEAM Festival with 200 participants, as well as the International GenAI Literacy Conference, engaging experts from 16 countries.

The STEAM Office developed an accredited 30-hour teacher training program and launched a five-day Summer Teacher Academy, supported by RRF and Horizon Europe funding. Strengthening international ties, teacher training was also held in Beijing, in cooperation with the Experience Workshop. The Office expanded its development program for students with special educational needs

(SEN) and continued its Minecraft-based educational program. In addition, it placed strong emphasis on education research, impact assessment, and coordinated support for EdTech development.

The Children's University Summer Camps also expanded their offerings, introducing new themes such as green city development, defense and security, coding, and e-sports, providing younger learners with opportunities for experiential learning. Based on the past year's results, Obuda University is steadily building the collaboration and knowledge-sharing structures needed to strengthen national and international connections in STEAM-based education and research.

As part of the plenary program, Zoltán Márton delivered a presentation titled "Country Update: Hungary", outlining how the Hungarian STEAM ecosystem has developed over the past year and how government, academic, societal, and industry actors are working together to strengthen STEAM education. The presentation highlighted a partnership model that integrates talent development, teacher training, research, and innovation into a unified framework, resulting in a more transparent and structured national operation.

The presentation received highly positive feedback. Several international experts highlighted the model's well-structured design, the deliberate professional direction of the development process, and the strength of its collaboration-driven approach. The conference's official summary also singled out the Hungarian presentation as a "structured, well-considered, and inspiring" example. Feedback confirmed that the Hungarian STEAM Platform's achievements over the past year are moving in a promising direction, with new objectives proving relevant not only nationally but also regionally.

Hungary's presence in Brussels clearly demonstrated that the country is becoming an increasingly active and visible participant in Central and Eastern European STEM/STEAM cooperation. Multiple delegations expressed interest in collaboration and indicated their willingness to join the upcoming **International STEAM Festival** in Hungary and other national professional programs. The ecosystem model presented thus provides valuable reference points both for policy development and for international partnerships.

The General Assembly's professional program outlined the key European directions that will shape the future of STEM and STEAM education in the coming years. Plenary presentations and research briefings consistently emphasized that meaningful and sustainable results can only be achieved if developments are coordinated at the system level and supported by strong policy and institutional cooperation.

Research conducted by the **Tech-nopolis Group** offered the first comprehensive EU-level overview of how Member States support STEM

education from early childhood through vocational training, what systemic barriers hinder progress, and where quickly deployable best practices exist. **Professor Louise Archer's** widely acclaimed presentation examined STEM identity, learner motivation, and social inequalities—highlighting how talent development depends on supportive learning environments and inclusive pedagogical approaches.

The Swedish national STEM strategy presentation demonstrated how industry stakeholders, vocational training institutions, and regional networks can operate within an integrated framework. One of the most significant outcomes of the General Assembly was the launch of the new **Industry-Education Partnership Working Group**, supporting practical cooperation between education and industry stakeholders, complementing the existing **AI in Education** and **Primary & Secondary Education** groups. The expansion of the **CoVE STEM Europe** network further signals Europe's growing emphasis on centers of excellence and associated knowledge-sharing.

Overall, the plenary content reaffirmed that Hungarian STEAM efforts are moving in the right direction: the partnership-based model, the ecosystem approach, and system-level development initiatives align closely with European professional trends and emerging EU priorities.

Beyond its professional content, the Brussels General Assembly brought significant networking benefits for Hungary. Following the Hungarian presentation, numerous delegation leaders expressed interest in the Hungarian model and signaled opportunities for joint projects, professional visits, and long-term

collaboration. Feedback highlighted a growing demand for Hungary's STEAM ecosystem to serve as a point of reference for other countries, particularly within the regional cooperation context.

Several partner organizations emphasized that the Hungarian STEAM Platform has visibly strengthened over the past year and that its developments are supported by a consistent professional structure, making long-term cooperation worthwhile. Additionally, several members of the EU STEM Coalition indicated their intention to participate in the International STEAM Festival in Hungary, which is increasingly positioned to become a key regional event.

Professional discussions made it clear that Hungary may soon play a more defining role in Central and Eastern European STEAM cooperation. The actors of the Hungarian ecosystem—universities, industry partners, researchers, and civil organizations—represent a collaborative approach that many countries view as a compelling model. Thus, the General Assembly not only showcased Hungarian achievements but also initiated substantive professional cooperation processes with many partners.

The Brussels General Assembly confirmed that Hungary is entering a favorable period for expanding regional and European STEAM cooperation. Professional feedback, newly established partnerships, and Europe-wide trends all indicate that domestic developments align well with EU STEM/STEAM priorities, especially in areas such as ecosystem-based development, inclusive talent support, and educational innovation.

Several professional opportunities emerged during the event that may strengthen Hungary's role in international collaboration networks. Numerous delegations emphasized the need for shared professional platforms where Hungary can participate as an active contributor, highlighting both national achievements and opportunities for international knowledge transfer and partnership building. Several countries expressed openness to engaging with Hungarian partners in future initiatives.

At the same time, there is growing recognition that Hungarian STEAM stakeholders would benefit from a more transparent and coordinated cooperation framework. Such a system would support regular dialogue among institutions, companies, researchers, and professional organizations, and help ensure that international findings and best practices are effectively integrated into domestic development efforts.

New guidelines presented in the plenary sessions may open additional perspectives for Hungary, especially in areas that the Hungarian ecosystem already actively addresses—demonstrating strong alignment between national developments and EU priorities.

Overall, the Brussels General Assembly showed that Hungary is increasingly well-positioned to participate in Europe's STEM/STEAM processes. In the coming months, several strategic consultations and preparatory activities are expected to begin, shaping the long-term international presence and embeddedness of the Hungarian STEAM ecosystem.

OE Space Day: OE SpaceLab hosted the Hungarian Space Lab Network's space research and space technology meeting

The SpaceLab Research Centre of the University Research and Innovation Center (EKIK) at Obuda University hosted the members of the Hungarian Space Lab Network (HSLN), founded in July 2025, at a high-level workshop.

The Hungarian Space Lab Network (HSLN) was established in July 2025 by ten academic institutions — Budapest University of Technology and Economics, University of Debrecen, Eötvös Loránd University, HUN-REN Institute for Computer Science and Control, University of Miskolc, Obuda University, University of Pécs, Semmelweis University, Széchenyi István University and University of Szeged — with the aim of strengthening Hungary's space research and education activities and increasing its international embeddedness, with the support of the Ministry of Culture and Innovation and the Ministry of Foreign Affairs and Trade.

HSLN's mission is to coordinate and reinforce the space research activities of Hungarian universities, research institutes and

governmental partners, thereby creating and strengthening the knowledge base, infrastructure and organisational background required for a globally visible space sector. The network seeks to promote scientific discovery, technological innovation and industrial applications, support the sustainable development of the space sector and space economy, and strengthen Hungary's international presence and competitiveness in the rapidly expanding global space ecosystem.

At the event, partner institutions of HSLN presented their space-related research and development portfolios and their activities and results linked to the HUNOR programme in dedicated talks. Speakers reported on developments and results in areas such as space

systems (satellites, small satellites, rockets, rovers, spacesuits and subsystem components), space medicine, materials science, space law, space communications, quantum technologies, space weather, Earth observation and plant cultivation in space.

The event also introduced the Student Spacelab Network, which evolved from the CanSatLab initiative and covers the STEM and vocational training fields, as well as the Unispace programme, focusing on university education and closely connected to the partner higher education institutions. In many cases, the presentations also highlighted collaborations that have intensified between partners in recent years and have already resulted in a number of successful projects.



Dr. Miklós Kozlovsky
Obuda University EKIK SpaceLab Director



Dr. Orsolya Ferencz, Ministerial
Commissioner for Space Research

AIS 2025 International Scientific Conference at Alba Regia Faculty

The AIS 2025 (20th International Symposium on Applied Informatics and Related Area) international conference, organized by the Alba Regia Faculty of Óbuda University, has been held on 12th of November 2025.

The conference was honored by the presence of Attila Mészáros, Deputy Mayor of Székesfehérvár, and Prof. Dr. György Györök, Dean of the faculty. In their opening speeches, both speakers emphasized the importance of cooperation, scientific innovation, and technological development in the region.

The event not only continued the traditions of previous years but also exceeded them in several aspects: more Hungarian and international researchers, industry professionals, and university students participated than ever before, resulting in a record number of publications. In addition to neighboring countries, researchers and professionals also arrived from more distant regions, demonstrating that the event is gaining increasing recognition in the international scientific community. We are also pleased that companies from the region were represented, making the conference a true meeting point for industry and academia.

In the plenary session, the first keynote speech dealing with data science applications in the financial sector was presented by Nataliia Kuznietsova, and the second presentation about data recovery and security solutions in digital twin systems was presented by Emilian Ceuca.

The wide range of presentations demonstrated that digital transformation, artificial intelligence, and industrial modernization remain key focus areas within the research community. The poster session once again provided opportunities for active professional discussions, while the coffee breaks created an excellent environment for networking and informal conversations.



<https://amk.uni-obuda.hu/ais-2025-konferenc>

Harman Hackathon held in Székesfehérvár

Following the qualifying round, 14 teams were invited to the finals of the 4th “Junior Engineers Camp – HARMAN Hackathon,” an idea and prototype development challenge organised for the fourth time by Harman Becker Ltd., the Alba Regia Faculty of Obuda University, and the Municipality of Székesfehérvár.

Teams from Szeged, Pécs, Budapest, Dunaújváros, Veszprém, and Kecskemét arrived in Székesfehérvár for the 24-hour development competition.

In the final round, participating teams were challenged to create a prototype of an innovative technological solution that contributes to sustainable, safe, and enjoyable urban transportation in a medium-sized European city by 2055. They had to take into account urban population growth, the transition to new energy sources, environmental awareness, and autonomous systems that are part of everyday life.

The Mikrobi team, formed by students from the Széchenyi István Technical College at the Székesfehérvár Vocational Training Center, took first place in the high school category. They developed a self-driving car project designed to support environmentally aware, economical, and sustainable transportation in a city of the future, creating the perfect traffic flow.

In the higher education category, the „Palotai Motor-SOKK” team was the winner. For their project, they created a model of an “intelligent crossroads” that communicates with an app they developed. It recommends speeds and routes that are faster, shorter, and safer.

Following the pitch and the announcement of the results, each team received Harman dollars according to their ranking, which they could exchange for valuable, premium-quality audio equipment.

The organisers hopes that through informal learning, participants have gained a lot of experience, new knowledge, and inspiring professional connections, and that they will go on to find success in one of the STEAM fields.

<https://harmanhackathon.amk.uni-obuda.hu/iv-harman-hackathon-fotogaleria-2025/>





Presentation of the Golden Commemorative Diplomas

On 19 November 2025, as part of the Hungarian Science Celebration program series, the Golden Commemorative Diplomas were awarded. The distinction was presented to engineers who obtained their degrees in 1975 at the university's predecessor institution, the Bánki Donát College of Mechanical Engineering, and who worked in their respective fields for at least 30 years.



The ceremonial event was held in two sessions. In the first session, the attending alumni were welcomed by Dr. Richárd Horváth, Vice-Dean for Research of the Faculty, who, following a brief look back at the past, also provided an



overview of the university's current status, recent developments, and its outstanding position in academic rankings. The second session was opened by Prof. Dr. Tünde Anna Kovács, Vice-Dean for Education, followed by a festive

address delivered by Dr. Béla Palásti-Kovács, Vice-Dean, who had previously taught several of the awardees.

Before the presentation of the diplomas, the audience enjoyed a musical performance by László Kiss, Béres Ferenc Award and Regnum Marianum Award-winning folk singer and musician.

Following the musical interlude, the diplomas were presented to graduates of the General Mechanical Engineering, Manufacturing Technology Engineering, Systems Organization Engineering, and Technical Teacher programs.

<https://bgk.uni-obuda.hu/en/presentation-of-the-golden-commemorative-diplomas/>



This year's ESB concluded successfully / Engineering Symposium at Bánki 2025

On November 11, 2025, the Engineering Symposium at Bánki (ESB 2025) was held. The aim of the event was to present the latest technological and scientific research results, while also strengthening academic and professional relationships.

The conference was opened by Dr. habil. Tibor Farakas, Dean of our Faculty. During the morning, plenary lectures were delivered (Dr. Ferenc Kaiser: "David's Fight with Goliath" – Naval Operations in the Russo-Ukrainian War; and Dr. József Kaló: Mud Huts and Data Centers – Africa's Dynamically Growing Role in the Global Sphere).



Following the high-quality plenary presentations, participants enjoyed a shared lunch, which also provided an opportunity for personal and professional discussions. After lunch, the afternoon program continued with four parallel sessions: Military Science, Security Technology, Materials Technology, and a mixed-topic English-language session. The sessions were held in a hybrid format, allowing participation both in person and online.

The conference proceedings of this year's event will also include the full written versions of the presented papers. Further information, as well as the proceedings of previous years, can be found on the conference's official website.

<https://esb.bgk.uni-obuda.hu/>

<https://bgk.uni-obuda.hu/sikeresen-lezajlott-az-idei-esb-mernoki-szimpozium-a-bankiban-2025/#>



The Future of Critical Infrastructure Protection at ICCECIP 2025

The Bánki Donát Faculty of Mechanical and Safety Engineering at Obuda University once again became an international scientific hub on 13–14 November 2025, hosting the 7th International Conference on Central European Critical Infrastructure Protection (ICCECIP 2025).

The event attracted high-level interest both domestically and internationally, reaffirming the university's prominent role in the field of critical infrastructure protection. The conference's motto, "Advanced Technologies for the Critical Infrastructure Protection", reflected the main focus of this year's program: emerging technologies, artificial intelligence, quantum technologies, and interdisciplinary security approaches were emphasized throughout the event.

The conference was held under the patronage of Dr. Zsolt Kutnyánszky, Secretary of State for Force Development and Defense

Policy at the Ministry of Defense. Prof. Dr. Tünde Anna Kovács, Conference Chair, officially opened the event. In her opening remarks, Dr. habil. Tibor Farkas, Dean of the Faculty, highlighted that ICCECIP has become one of the Bánki Faculty's most important international scientific events, bringing together and advancing security research across the region. The conference was supported by MVM, whose representatives delivered the first plenary lecture.

Key themes from the plenary sessions included new challenges in cyber protection of energy networks, the identification of

human-centered cyber threats (such as digital manipulation and grooming), and the application of quantum-secure communication and authentication protocols in critical infrastructure. The event also emphasized regional diversity and the introduction of new perspectives.

This year, the conference sessions covered four main areas:

- Physical Protection of Critical Infrastructure – presenting new materials science and engineering solutions, including robust structural designs, ballistic materials, blast-resistant solutions, drone reconnaissance,



reinforcement of industrial facilities, and next-generation protective structures.

- Cyber Security of Critical Infrastructure – focusing on security issues related to artificial intelligence, IoT, and industrial control systems.
- Political Security of Critical Infrastructure – exploring societal and geopolitical contexts, including migration, counter-terrorism, and regional security challenges.
- Individual Security of Critical Infrastructure – addressing the protection of environmental, human, health, and economic infrastructures.

and advanced materials science developments. Participants also agreed that regional cooperation in Central Europe is particularly crucial. Fourteen partner universities were involved in the organization, and the conference featured 7 plenary lectures and 72 session presentations, with representatives from Hungary, Serbia, Romania, Poland, Bosnia-Herzegovina, North Macedonia, Albania, France, Turkey, and Morocco.

According to feedback, ICCE-CIP 2025 was more than just a

conference; it was a scientific and professional meeting point, facilitating collective thinking on the protection of the region's critical infrastructures. "The event successfully combined scientific rigor with practical approaches and reinforced Budapest's role as a key research center in the field," said Dr. Zoltán Nyikes, Co-Chair of the Conference, at the closing ceremony. Preparations for next year's program have already begun, and the professional community is eagerly looking forward to its continuation.

Prof. Dr. Tünde Anna Kovács

<https://bgk.uni-obuda.hu/en/>

[the-future-of-critical-infrastructure-protection-at-iccecip-2025/](#)

The wide range of presentations highlighted that critical infrastructure protection cannot be separated into isolated sectors: physical, cyber, political, and human security are now closely intertwined.

One of the key takeaways from the discussions was that the future of security systems largely depends on the integration of artificial intelligence, machine learning, quantum-secure solutions,



Project RUBIK Team Students Presented Their Experiment in the Netherlands

This week, the Project RUBIK team traveled to the European Space Research and Technology Centre (ESTEC) in Noordwijk, where they participated in the REXUS/BEXUS Cycle 17 Selection Workshop.

This event served as the official pre-selection round of the European Space Agency, where young research teams presented their experiments to a professional jury. The best projects will be selected to reach the edge of space—up to an altitude of approximately 90 km—aboard REXUS research rockets, with support from the German Aerospace Center and the Swedish National Space Agency.

The RUBIK experiment is an autonomous microbiological laboratory that investigates the interaction between *E. coli* bacteria and the T7 bacteriophage in a microgravity environment—literally in space.

According to the participating students:

“...it was an incredible experience to present our project to ESA experts, and we felt honored to represent Hungary, Óbuda University, and the Bánki Faculty at such a high-level international event.”

We also congratulate the team on their successful presentation and are rooting for their advancement!

What is Project RUBIK?

Project RUBIK is a joint research initiative involving students from Óbuda University, the Budapest University of Technology and



Economics, and the Semmelweis University, carried out the REXUS/BEXUS program.

This program is a collaborative initiative of the European Space Agency, the German Aerospace Center, and the Swedish National

Space Agency, providing university students with the opportunity to launch their own experiments on sounding rockets to near-space conditions. Its primary goal is to enable young researchers to gain hands-on experience in designing, developing, and operating systems intended for space environments.

The RUBIK research project was established with the primary academic support of Óbuda University and brings together some of the most active students in Hungarian university-level space research. The team is led by an MSc electrical engineering student from BME and an MSc military engineering student from Óbuda University. The biological aspect of the research is headed by a medical student from Semmelweis University, who also serves as the project's biological lead.

<https://bgk.uni-obuda.hu/a-project-rubik-csapat-hallgatoi-hollandia-ban-mutattak-be-kiserletuket/>

Paying Tribute to the Science of Fire Protection

As part of the university event series celebrating the Hungarian Science Festival, the Kornél Szilvay Fire Protection Conference—organized for the fourth time this year—commemorated the 200th anniversary of the founding of the Hungarian Academy of Sciences in a distinctive and memorable way.

The conference, held on November 20, 2025, opened with a tribute to the past. Honoring the legacy of Kornél Szilvay – a firefighter commander and inventor who continues to inspire both present and future engineers – a memorial plaque bearing his name was unveiled in the Bánki Faculty building in front of an audience that included members of his family. The artwork, donated by the Hungarian Firefighters' Association and created by goldsmith artist Tamás Szabó and his son Márton Szabó, now permanently commemorates Szilvay's legacy for the faculty's staff and students.

At the ceremony, Tibor Dobson (retired fire major general), President of the Hungarian Firefighters' Association, and Dr. Richárd Horváth, Vice Dean for Research, jointly unveiled the memorial plaque dedicated to this outstanding innovator of Hungarian fire protection. In his inaugural speech, General Dobson emphasized the importance of preserving Szilvay's legacy and highlighted the indispensable role of his innovative spirit in Hungarian fire safety.

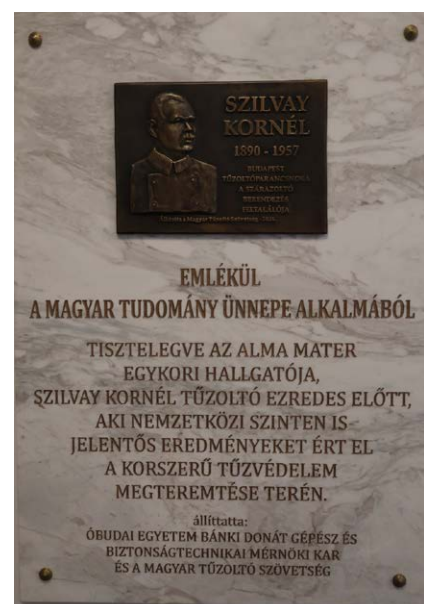
Responding on behalf of the Faculty, the Vice Dean expressed gratitude for the support of the Hungarian Firefighters' Association and recalled key milestones in Szilvay's distinguished career.



He also outlined the Faculty's current broad educational portfolio, including the fire protection engineering postgraduate program and its successor specialization, emphasizing the significant contributions of Dr. habil. Rudolf Nagy, associate professor and founder of the conference series, as well as his persistence in realizing the memorial plaque.

The unveiling ceremony concluded with a joint wreath-laying by Tibor Dobson and Dr. Richárd Horváth at the memorial plaque.

In his closing speech, Dr. habil. Rudolf Nagy emphasized that, in the bicentenary year of Hungarian science, the conference not only preserved the legacy of the past but also successfully passed the baton to the next generation of engineers, who will be responsible for safeguarding the future of fire safety.



<https://bgk.uni-obuda.hu/tisztelges-a-tuzvedelem-tudomanya-elott>



Research, Innovation and Vocational Teacher Education in Focus at the Kandó and Trefort Conferences (2025)

Óbuda University's Kandó Kálmán Faculty of Electrical Engineering hosted its annual conference week on 6–8 November 2025 in Budapest, bringing together the 41st Kandó Conference and, in parallel, the 13th Ágoston Trefort Vocational Training and Higher-Education Pedagogy Conference.



The Kandó Conference delivered nearly 100 presentations by ~200 authors, while the Trefort Conference added 33 presentations by 43 authors across five thematic sections. In total, the joint program featured 132 professional presentations involving around 250 authors, reflecting the Faculty's strengthening research capacity and publication potential, as noted by Prof. Dr. habil. Róbert Szabolcsi, Dean of the Faculty. The program integrated engineering research frontiers with evidence-informed approaches to engineering education and vocational

teacher development, addressing topics such as renewable energy and power systems, AI, ICT, mobile telecommunications, and innovation-driven developments. The Kandó Conference's academic framework was led by patron Prof. Dr. Levente Kovács (Rector), president Dr. habil. Tibor Wühl, co-president Dr. Zsolt Conka, and scientific lead Dr. István Németh. A highlight was the strong visibility of application-oriented domains—particularly aviation and drone technologies—and the active involvement of current and former students.



Life Cycle Assessment Conference at the Kandó Faculty (XX LCA Conference, 2025)

Óbuda University's Kandó Kálmán Faculty of Electrical Engineering hosted the XX (Jubilee) Life Cycle Assessment (LCA) Conference on 5–6 November 2025 in Budapest (Tavaszmező u. 17) as part of the Hungarian Science Celebration.

Convened in cooperation with the LCA Center Association—with the Kandó Faculty among its founding partners—the event marked the sixth LCA conference organized on the Kandó campus. The program highlighted how life cycle assessment provides quantitative, model-based evidence on the environmental impacts of products, processes and organizations, supporting decision-making beyond “sustainability rhetoric”. The central theme focused on sustainability and demonstrable impact,

complemented by invited contributions on circular-economy transition, presumption, and waste-management data. The anniversary perspective underlined the field's growing relevance not only in academia but increasingly in industry and policy, including demand for EPDs and carbon footprint calculations. Two workshops addressed LCA in international solar-cell and PV-recycling projects (Bay Zoltán Research Centre) and emerging EU expectations for building materials (HuGBC).



PhD Workshop and Conference

The Kandó Kálmán Faculty of Electrical Engineering held the PhD workshop on the occasion of the Science Festival, on November 11, 2025. It is a tradition at the Kandó Kálmán Faculty of Electrical Engineering that they can get to know each other's research and research results at our mini-conferences and workshop-type events.

The aim of the conference is to help colleagues who are about to defend their PhD in the development of their scientific work.

The guest of honor of the conference was Prof. Dr. Tibor Goda, head of the Doctoral School of Security Sciences, who provided the workshop participants with useful advice.

The conference was opened by Prof. Dr. Róbert Szabolcsi, Dean of the Kandó Kálmán Faculty of Electrical Engineering.

Dr. László Berek, library director, provided information about the minimum requirements of the doctoral schools of Óbuda University and the support provided to achieve the requirements.

Dr. habil Tibor Wüthrl served as the conference chairman and moderated the closing roundtable discussion. The conference presentations included scientific articles, and the review committee duties were performed by Dr. János Péter Varga, Dr. Sándor Gyányi and Dr. habil. Tibor Wüthrl. The scientific articles were published in the publication ISBN 978-963-449-400-3.

<https://phdworkshop.kvk.uni-obuda.hu/>

41st Kandó Conference

The 41st Kandó Conference was held on November 6–7, 2025, on the occasion of the Science Festival of the Kandó Kálmán Faculty of Electrical Engineering. The patron of the conference was Prof. Dr. Levente Kovács, the president of the conference was Dr. habil Tibor Wüthrl and co-president Dr.

Zsolt Conka. The scientific leadership tasks were performed by Dr. István Németh, Deputy Dean for Research. Hundred lectures were given at the Conference, of which 51 lectures were accompanied by scientific articles, which were published in the Kandó Conference Publication Booklet.

The main sponsors of the Conference were ERICSSON and BOSCH. The two companies also delegated researchers to the event and also provided section leadership.

<https://konf.kvk.uni-obuda.hu/>



Building Trust and Renewal in Times of Crisis

On November 6, 2025, an inspiring lecture by Gábor Pintér at Keleti Károly Faculty of Business and Management of Óbuda University highlighted how trust, measurability, and renewal can become key values in both organizational and individual development during challenging times.

On November 6, 2025, students and attendees at the Keleti Károly Faculty of Business and Management of Óbuda University had the opportunity to attend an insightful and thought-provoking lecture delivered by Gábor Pintér, President of the Mind Mate Inspiration Association. With more than 25 years of professional experience, he shared practical examples and engaging stories that provided valuable perspectives on navigating uncertainty.

During the presentation, the audience explored how trust-building, measurability, and renewal can serve as fundamental pillars not

only in business environments but also in personal growth. Special emphasis was placed on how individuals and organizations can move beyond mere survival and instead embrace transformation during times of crisis.

The lecture addressed several key topics, including the importance of trust and measurable outcomes in turbulent periods, as well as the different ways individuals and organizations respond to challenges. Effective recovery techniques were also discussed, offering practical guidance for overcoming difficulties and fostering resilience.

In addition, Gábor Pintér introduced approaches such as trend analysis, strategic planning, capability development, and business innovation. These concepts were particularly relevant for large corporations seeking sustainable solutions in an ever-changing economic landscape.

The event provided attendees with actionable insights and a renewed mindset, encouraging them to view crises as opportunities for growth and innovation. The lecture was widely appreciated for its relevance, depth, and inspirational tone, leaving a lasting impact on participants.



Change as an Opportunity: Inspiring Lecture on Growth

An inspiring lecture by László Németh explored how individuals can adapt and thrive in a constantly changing world. The session provided practical insights on resilience, motivation, and innovation.

At the Keleti Károly Faculty of Business and Management, László Németh, mentor of the Mind Mate Inspiration Association, delivered a remarkable lecture titled "Change is an Opportunity, Transformation is a Lifestyle." The presentation focused on essential skills and perspectives needed to navigate today's rapidly evolving environment.

The lecture addressed several key topics relevant to both personal and professional development. Participants gained insights into life in a VUCA (Volatility, Uncertainty, Complexity, Ambiguity) world, learning how to maintain stability amid constant change. The importance of creativity and innovation

was emphasized, highlighting their role in achieving fulfillment and long-term success.

Special attention was given to stepping outside one's comfort zone, fostering resilience, and embracing continuous growth. The session also covered motivation and effective communication strategies, particularly in maintaining cohesive and high-performing teams. Through practical exercises and real-life examples, attendees were able to engage actively and apply the concepts discussed.

The speaker's dynamic delivery, combined with actionable advice and authentic perspectives,

provided significant inspiration for the audience. The event left participants with renewed energy and a deeper understanding of how to approach change as a positive and necessary part of life.

The faculty expressed appreciation to all attendees who contributed to the success of the event. Special thanks were extended to László Németh for delivering a motivating, honest, and thought-provoking presentation.



LinkedIn as a Growth Platform: Skills, Network, Career

A lecture by Nikolett Huszák highlighted how LinkedIn can support personal branding, networking, and long-term career development. Participants discovered how to use the platform as a strategic tool for professional growth.

On November 25, Nikolett Huszák, Head of the Corporate Relations and Career Office, delivered an insightful presentation on the true potential of LinkedIn. The session demonstrated that LinkedIn is far more than a job-search tool; it is a dynamic environment where opportunities, development, and meaningful connections intersect.

During the event, students gained valuable insights into how they can consciously develop essential professional skills. The lecture emphasized the importance of effective communication, self-presentation, and personal branding, all of which play a crucial role in building a strong online presence. Participants also

learned how to expand their digital network strategically and apply intentional networking techniques to support their career goals.

A key focus of the session was the development of a clear professional identity. Attendees were encouraged to align their online presence with their values, strengths, and long-term aspirations, ensuring authenticity and consistency in their professional image.

In addition, the speaker provided practical guidance on how to find mentors through the platform, join supportive professional communities, and recognize signals that indicate the next step in one's

career path. These insights helped participants better understand how to navigate their professional journeys with confidence and awareness.

By the end of the event, attendees viewed LinkedIn from a completely new perspective. Rather than simply a job-search platform, it became a powerful career compass that supports conscious decision-making and long-term professional success.



Navigating Shiftstorms: Leadership in a Changing World

A guest lecture by Beáta Kalamár explored how leaders can remain stable and effective in unpredictable environments. The session introduced innovative frameworks for managing constant transformation.

On November 27, 2025, an inspiring guest lecture titled “How to Navigate a Shiftstorm – Navigating Turning Storms” was held, featuring Beáta Kalamár, executive coach and senior leadership expert, as well as a member of the Mind Mate Inspiration community. The presentation offered valuable insights into leadership strategies in today’s rapidly changing and often unpredictable world.

Drawing on more than 20 years of professional experience, the speaker demonstrated how leaders can operate consciously, maintain stability, and achieve results even in environments characterized by

continuous disruption. The lecture emphasized the importance of adaptability, self-awareness, and strategic thinking in navigating complex challenges.

A central element of the session was the introduction of the CRAFT Leadership² approach and the SAIL model, both of which provided participants with new perspectives on managing ongoing transformation. These frameworks highlighted practical methods for responding to uncertainty while maintaining direction and purpose.

Key topics discussed included leadership in the midst of paradoxes,

navigating unpredictable environments, and understanding the anatomy of change. The concept of the “shiftstorm” was also explored in depth, offering a fresh interpretation of the dynamic and often turbulent nature of modern organizational life.

The lecture encouraged participants to rethink their approach to leadership and embrace change as an integral part of growth and success. The event provided attendees with practical tools and a deeper understanding of how to lead effectively in times of constant transformation.



Record Participation at the 62nd Student Research Conference

The 62nd Scientific Students' Associations Conference was successfully held on November 12, 2025, at the Keleti Károly Faculty of Business and Management, featuring a record number of 36 presented papers across multiple sections.

On November 12, 2025, the 62nd Scientific Students' Associations Conference (TDK) was successfully organized at the Keleti Károly Faculty of Business and Management of Obuda University. This year's event marked a significant milestone, as a record-breaking 36 research papers were presented by talented students.

The conference was officially opened by Prof. Dr. Ágnes Csiszárík-Kocsir, Vice Dean for Research, Head

of Department, and Full-Professor, along with Dr. Zsolt Téglá, Associate Professor and the faculty's TDK coordinator. Their opening remarks highlighted the importance of academic research and encouraged students to actively engage in scientific work.

Presentations were held across five different sections, covering a wide range of exciting and diverse topics. The high quality of the research and the enthusiasm of the participants contributed to a dynamic and inspiring academic atmosphere.

The event was further enriched by the participation of two distinguished guest experts, who provided valuable professional feedback to the students. Dr. Judit Baka, Head of People and Culture at Gebr. Heineemann (Magyar Duty-Free Ltd.), and Bernadett Varga, HR Manager at Márka Üdítőitalgyártó Ltd., shared their insights and supported the development of the presenters.

The conference served as an excellent platform for students to showcase their research, gain constructive feedback, and strengthen their academic and professional skills. The organizers expressed their gratitude to all participants and extended their congratulations to every student who presented their work.

Super Mutter Workshop: Real Insights from the Industry

A workshop led by Petra Simkó offered honest and practical insights into the world of client relations and advertising. Participants gained valuable knowledge from real-life experiences and professional stories.

On November 24, an engaging workshop titled “Anyád! Instead of ‘your mom’: The Super Mutter” took place, featuring Petra Simkó. The session provided participants with a unique opportunity to learn from nearly 30 years of professional experience, presented in an honest, practical, and highly insightful format.

During the one-and-a-half-hour event, the speaker shared in-depth perspectives on the realities of client relations within advertising agencies. She discussed real-life, field-based situations and challenges, offering a transparent view of the industry. Attendees also learned about her experience working closely with Péter Geszti for more than a decade, gaining behind-the-scenes insights into high-level professional collaboration.

The workshop highlighted how to approach the profession with professionalism, empathy, and efficiency. Participants were introduced to key qualities that define a successful professional in the field, as well as what it truly means to become a “super mutter” in a demanding work environment.

The interactive atmosphere encouraged students to ask questions, share thoughts, and engage in meaningful discussions, making the experience even more valuable. The event left attendees inspired and equipped with practical knowledge applicable to their future careers.

The organizers expressed their gratitude to all participants for their active involvement and contribution to the event’s success. Special thanks were extended to Petra Simkó for her openness, humor, and exceptional professional stories.



A new era in Medical Technologies: Obuda University opens MedTech Center

Obuda University has inaugurated its new MedTech Laboratory, a state-of-the-art educational, research, and innovation platform that marks a significant milestone in university-industry-healthcare collaboration.

The ribbon-cutting ceremony was attended by Dr. Magdolna Kádár, Head of the Department of Health Development Policy and Sectoral Informatics at Hungary's Ministry of the Interior, State Secretariat for Health; Prof. Dr. Levente Kovács, Rector of Obuda University; and Prof. Dr. Gyorgy Eigner, Dean of the Faculty of Informatics at Obuda University and the head of the MedTech Lab.

The laboratory forms the cornerstone of the university's MedTech strategy. Its mission is to integrate instrument-intensive, innovation-driven medical technology research while fostering a corporate and professional community that connects developers, distributors, certification bodies, academic partners, and healthcare professionals. The initiative is closely aligned with the vision of the Zsámbék Science and Innovation Park (ZSTIP), supporting joint tenders, innovation projects, and long-term collaboration.

Operating under the University's research and innovation framework, the MedTech Center fulfills a triple mission: education, research and development, and innovation. It offers practical training programs for students and professionals, while its R&D activities are conducted in a simulated hospital environment modeling real acute care processes. The innovation

pillar also serves as a pilot model for future infrastructure developments within ZSTIP.

The laboratory's equipment is unique in Hungarian higher education. In addition to a comprehensive healthcare information system used in Hungarian hospitals, the facility includes a fully equipped operating room (OR), an intensive care unit (ICU), and a pediatric intensive care unit (PICU), complete with advanced surgical, monitoring, and simulation technologies.

The inauguration made it clear that the laboratory is not merely infrastructure, but a professional meeting point where the university, industry, and healthcare stakeholders can jointly shape the MedTech solutions of the future.

<https://uni-obuda.hu/2025/11/18/uj-korszak-az-orvostechnikaban-atadtak-az-oe-medtech-kozpontjat/>



"Focus on Hungarian Brands": Óbuda University's Institute of Product Design Shines at BDW 2025

The Institute of Product Design at Óbuda University's Rejtő Sándor Faculty of Light Industry and Environmental Engineering hosted a successful lecture series as an official event of the Budapest Design Week.

The main objective was to establish a meeting point and foster collaboration between the new generation of designers, industry experts, and established domestic brands. The opening remarks, delivered by the Institute's director, underscored the vital role of this cooperation in advancing Hungarian design and brand development. The program served as a significant source of inspiration for those interested in design and product creation. Representatives from prominent Hungarian brands delivered presentations, outlining their professional journeys and discussing the inherent challenges of brand

building. Attendees received a comprehensive understanding of brand identity formation, design processes, and the specifics of the local market. A key discussion point emphasized the greater creative freedom available to domestic brands, despite facing more limited resources compared to global competitors. Sustainability was another central topic, focusing on how these brands are adapting to the demands of the circular economy through ethical production and waste minimization. The dialogue also explored strategies for the Hungarian design sector to maintain its unique creative

identity while remaining competitive internationally. Ultimately, the event successfully strengthened the domestic design community by promoting knowledge sharing and inspiring future product designers.

<https://rkk.uni-obuda.hu/inspiracio-es-fenntarthatosag-sikerrel-zarult-az-oe-tti-fokuszban-a-hazai-markak-eloadasa-a-design-het-kereteben/>



Zsombor Rácz's first solo photography exhibition

Zsombor Rácz's first solo photography exhibition opened on 15 December at the Y+ Lab of the Ybl Miklós Faculty of Architecture and Civil Engineering. The works were created over the past two years as part of the I'5: Industrial Heritage Workshop and explore the beauty, atmosphere, and stories of industrial buildings and their surroundings. Displayed as freely suspended images printed on aluminized plates, the exhibition evokes analogue photography while transforming the laboratory space into an immersive environment.

Zsombor Rácz's first solo photography exhibition has opened at the Y+ lab at the Ybl Miklós Faculty of Architecture and Civil Engineering on 15 December by Dr. habil. Csaba Rohoska DLA and Prof. Dr. Györgyi Csontos DLA.

The photographs follow the research and documentation carried out over the last two years in the framework of the I'5: Industrial Heritage Workshop and will be presented in the Y+ lab.

The series seeks and explores the beauty of industrial buildings and their surroundings. The images do not merely show architectural structures, but the interaction of spaces and the stories they contain, moments of abandonment and presence.

With images freely suspended in the laboratory space, the exhibition evokes in the viewer the developing technology of traditional analogue photography, while also bringing the images as objects into focus. The multiplicity, density and displacements of the images printed on aluminized plates bring the laboratory space to life.

Link: https://ybl.uni-obuda.hu/en/idle_-zsombor-racz-s-first-solo-photography-exhibition/



Publications by Barna Kovács-D. in OCTOGON and régí-új Magyar Építőművészet

In November 2025, two major Hungarian architectural periodicals presented the work of Barna Kovács-D., lecturer at the Ybl Miklós Faculty of Architecture and Civil Engineering. The villa he designed and realized received attention both in OCTOGON and in régí-új Magyar Építőművészet (old-new Hungarian Architecture).

The review in OCTOGON was written by Domonkos Wettstein, a noted researcher of the Balaton region's architecture. He emphasized that the guiding principle of the design was the reinterpretation of a landscape-anchored way of living in a contemporary architectural language. The free-standing house, built for a family returning to Hungary from Norway, follows a traditional gabled massing, organized into a T-shaped plan with an open timber roof structure above the shared living space. Its street façade remains introverted, while the rear elevation opens towards the garden with porches and semi-open transitional spaces that reinforce the connection to nature.

In régí-új Magyar Építőművészet, the building was introduced by the architect himself, who contextualized it within his doctoral research. Published under the title The Tradition of Deconstruction, the article frames the villa as a contemporary reading of fundamental elements of Hungarian vernacular architecture.

The professional reception of the project is further indicated by the fact that METSZET, a Q3-ranked journal, will also publish the house in an upcoming 2026 issue.

<https://ybl.uni-obuda.hu/en/publications-by-barna-kovacs-d-in-octogon-and-regi-uj-magyar-epitomuveszet/>





Double Success at the Media Architecture Awards Gala

The Ybl Miklós Faculty of Architecture and Civil Engineering of Óbuda University achieved remarkable success at the 21st Media Architecture Awards Gala.

Master's student Hanna Szenner won the Audience Award founded by Építészforum with her diploma project "Where Is the Boundary? – Community Kitchen and Care Center in Pokolhegy" (supervisor: Prof. Dr. Györgyi Csontos, DLA).

Her work focuses on Pokolhegy, a segregated district of Ráckeve, exploring how an architectural intervention can emerge as a natural extension of local life rather than as an external imposition.

The finalists presented their projects on November 7 at the Uránia National Film Theatre before a media jury of leading Hungarian press representatives and a wide public audience. The award was presented by Andor Wesselényi-Garay, Professor at the Ybl Faculty and long-standing member of the professional jury of the Media Architecture Awards.

<https://ybl.uni-obuda.hu/karunk-hallgatoja-szenner-hanna-nyerte-el-a-med-kozonsegdijat/>