



Kyiv Polytechnic Newsletter Edition No. 5 | 3 March 2025

Publications

Kyiv Polytechnic and Safe Pro sign Multi-Year MOU to collaborate on AI, drone technology

Safe Pro Group Inc., a leading provider of AI - powered solutions specializing in small object threat detection and the Igor Sikorsky Kyiv Polytechnic Institute have signed a multi-year Memorandum of Understanding (MOU) under which they will collaborate on utilizing the Company's patented AI-powered drone image processing technology, SpotlightAI™, to develop enhanced demining methodologies and potential training programs. [Read more](#)



Autonomous solar power plant starts operation

A new solar power plant has entered operation at the Kyiv Polytechnic's Yevhen Paton Institute of Materials Science and Welding (IMSW) on February 6, 2025. Henceforth, 43 panels, each with a capacity of 580 watts, will ensure the uninterrupted operation of the Center for the Collective Use of Scientific Equipment "Materials Science of Refractory Compounds and Composites" housed in IMSW academic building No. 9. [Read more](#)

Renewable energy laboratory, wind energy lecture hall open at Kyiv Polytechnic

Recently, a renewable energy laboratory and a wind energy lecture hall have opened at the Institute of Energy Saving and Energy Management to train specialists, who will rebuild Ukraine's energy sector, within the framework of the memorandum of cooperation between the DTEK Renewables company and the Igor Sikorsky Kyiv Polytechnic Institute. [Read more](#)

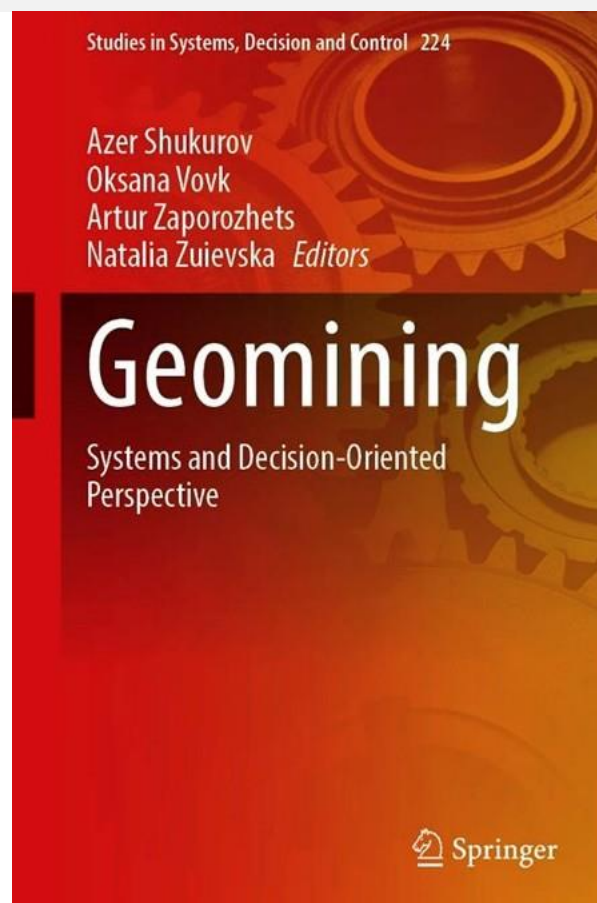


German volunteer shares her experience in teaching

Despite the challenging time, the Igor Sikorsky Kyiv Polytechnic Institute has six international volunteers from the United States, Canada, Poland, Japan, and Germany. They teach students across various departments, share their experience and help them master foreign languages. Among them is **Constanze Otterbach** from Germany, a DAAD volunteer who teaches German at the Institute of Mechanical Engineering and the Faculty of Linguistics. [Read more](#)

Monograph on geomining is out

In October 2024, Springer, a world leading research and educational publisher, released the monograph, *Geomining: Systems and Decision-Oriented Perspective*, under the editorship of Dr. **Azer Shukurov**, Deputy Minister of Ecology and Natural Resources of Azerbaijan; Prof. **Oksana Vovk**, Director of the Institute of Energy Saving and Energy Management at Igor Sikorsky Kyiv Polytechnic Institute; Dr. **Artur Zaporozhets**, Deputy Director for Scientific Engagement at the General Energy Institute of the National Academy of Sciences of Ukraine; and Prof. **Natalia Zuievskaya**, Acting Head of the Department of Geoengineering at Kyiv Polytechnic's Institute of Energy Saving and Energy Management. Based on the proceedings of the First International Geology-Mining Forum held in Baku on October 26-27, 2023, this publication is the 224th volume of the book series: *Studies in Systems, Decision and Control*. The monograph delves into the intricate intersection between geology and mining through

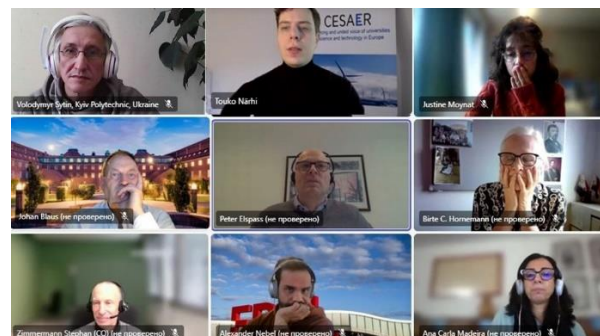


the lens of system-oriented perspectives. [Read more](#)

Collaboration with Alliances

EHESO platform, EngiRank and more discussed at CESAER Task Force Benchmark Meeting

The International Collaboration Department (ICD) staff at Igor Sikorsky Kyiv Polytechnic Institute attended the meeting of the Task Force Benchmark within the CESAER association (Conference of European Schools for Advanced Engineering Education and Research) that took place fully online on 5 February 2025. [Read more](#)



Visits

Strengthening international ties, expanding global partnerships

A delegation from NZIA Connect Inc., a cutting-edge South Korean startup specializing in telecommunications technologies, including advanced digital currency solutions and border security technologies, visited the Igor Sikorsky Kyiv Polytechnic Institute to sign a tripartite memorandum of cooperation between Kyiv Polytechnic, NZIA, and the Sikorsky Challenge Innovation Ecosystem. This signing marks the successful conclusion of nearly a year of negotiations between **Andrii Shysholin**, Vice-Rector for International Relations, and **Kai Kim**, CEO & Founder of NZIA Connect Inc., paving the way for groundbreaking collaboration. [Read more](#)





JETRO delegation visits Kyiv Polytechnic to discuss promising areas of cooperation

The delegation from the Japan External Trade Organization (JETRO) has recently paid an important visit to the Ukraine-Japan Center at Igor Sikorsky Kyiv Polytechnic Institute. JETRO, a governmental organization under Japan's Ministry of Economy, Trade and Industry, enthusiastically supports various institutions in Ukraine, including Kyiv Polytechnic. [Read more](#)

French Ambassador delivers lecture to students, answers questions

For the first time, **Gaël Veyssière**, Ambassador Extraordinary and Plenipotentiary of the French Republic to Ukraine, visited the Igor Sikorsky Kyiv Polytechnic Institute to deliver a significant lecture on diplomacy in the context of Russia's heinous armed aggression against Ukraine. There were a plethora of thought-provoking points in it. The lecture was followed by a dynamic Q&A session with Kyiv Polytechnic students, faculty and staff. [Read more](#)



Kyiv Polytechnic hosts 9th Italian Design Day devoted to Ukraine reconstruction

The Igor Sikorsky Kyiv Polytechnic Institute has once again become a partner of one of the most significant international events – the 9th Italian Design Day. This year's theme, “*Design for Reconstruction: Inclusiveness and Innovation*,” is especially relevant to Kyiv Polytechnic, as the university endeavors to create an educational space that is both inclusive and comfortable for all. In this effort, the best Italian practices and technologies will be of great benefit. [Read more](#)

Japanese professor delivers lecture on unknown aspects of Russia-Ukraine war

Recently, the Igor Sikorsky Kyiv Polytechnic Institute welcomed a guest of honor — **Norito Kunisue**, a distinguished journalist and professor at the Research Center for Advanced Science and Technology, University of Tokyo. He delivered a lecture titled "Unknown Aspects of War: 36 Years of Journalistic Experience," offering Kyiv Polytechnic students a deep dive into the heart of frontline reporting. [Read more](#)



Representatives of leading Finnish companies visit Kyiv Polytechnic to establish cooperation

Under the auspices of the Rebuild Ukraine Office, representatives of top Finnish companies visited the Igor Sikorsky Kyiv Polytechnic Institute to explore avenues of cooperation. Among the guests were experts with extensive experience in many areas vital for the university. [Read more](#)



Welcoming UK Labour MPs

During their visit to Kyiv, UK Labour MPs visited the Igor Sikorsky Kyiv Polytechnic Institute, recognizing the university's strong educational, scientific, and research potential. Discussions focused on fostering future cooperation between Kyiv Polytechnic and the UK. [Read more](#)



Upcoming events

[International Forum: Innovations in Medical Engineering](#)

Kyiv Polytechnic and online
May 20-21, 2025





International conference on renewable energy scheduled for May 2025

The 26th International Scientific and Practical Conference event will take place on **May 21-23, 2025**. The theme of the conference will be *Renewable Energy and Energy Efficiency in the 21st Century*. [Read more](#)

Remarkable dates and holidays in Ukraine

Ukraine is a land rich in culture and tradition, where every season brings a kaleidoscope of celebrations, from ancient customs to modern commemorations. Whether it is the embroidered elegance of **Vyshyvanka Day**, the solemn remembrance of the **Heavenly Hundred**, the jubilant **Independence Day** celebrations or the joyful promise of spring on **Annunciation**, each date reveals a story deeply rooted in faith, resilience, and heritage. [Read more](#)



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