



## Kyiv Polytechnic Newsletter Edition No. 9 | 12 May 2025

### Publications

#### Developing infrastructure for energy sustainability and digital education, together with partners

On 23 April, the Faculty of Electric Power Engineering and Automatics (FEPEA) at the Igor Sikorsky Kyiv Polytechnic Institute hosted a presentation of the new infrastructure solutions that strengthen university's energy autonomy and digital capabilities. The virtual energy systems modelling laboratory exemplifies successful cooperation with both international and Ukrainian partners. [Read more](#)



#### Socially significant project carried out by FMM, PUT

For over a year, specialists from the Faculty of Management and Marketing (FMM) at Igor Sikorsky Kyiv Polytechnic Institute, together with Polish colleagues from Poznan University of Technology (PUT), have been carrying out a project of deep social relevance – *“Increasing the capacity of local communities to counteract crisis situations”* under the NATO Science for Peace and Security Programme. The purpose of the project is to come up with effective solutions that enable Ukrainian communities to respond rapidly, competently and efficiently to various challenges – be it military operations or emergencies. [Read more](#)

## European AI4CI Master Artificial Intelligence for Connected Industries

The AI4CI master is a European master training program offered at six universities in France, Germany, Romania, Spain, and Ukraine – specifically at the Igor Sikorsky Kyiv Polytechnic Institute. Students will delve into fundamentals of artificial intelligence and machine learning applied to networked systems and can explore advanced automation systems for industrial networks and robotics as well as deepen their knowledge in advanced network architectures, IoT and computer systems. [Read more](#)

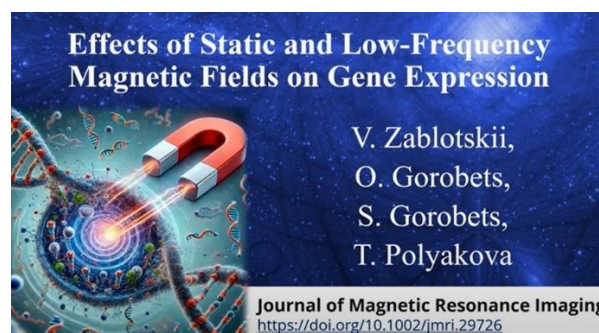


## Research, commitment, collaboration: Dr Shtofel completes her internship at CEITEC BUT

From 22 March to 6 April 2025, Dr **Olha Shtofel**, Associate Professor at the Department of General Physics and Modelling of Physical Processes of Igor Sikorsky Kyiv Polytechnic Institute, was doing her research internship at the CEITEC (Central European Institute of Technology) Brno University of Technology (BUT) within the framework of a joint project under the ERASMUS+ programme. During her internship at CEITEC BUT, Dr Shtofel conducted experiments in electron paramagnetic resonance (EPR) on crystals of silicon carbide (SiC), using the unique FRASCAN spectrometer. [Read more](#)

## Review of effects of static, low frequency magnetic fields on gene expression is out

On 29 January 2025, the review "*Effects of Static and Low Frequency Magnetic Fields on Gene Expression*" co-authored by Prof **Oksana Gorobets** from the Department of General Physics and Modelling of Physical Processes at Igor Sikorsky Kyiv Polytechnic Institute, and Dr **Svitlana Gorobets** from Kyiv Polytechnic's



Faculty of Biotechnology and Biotechnics, in collaboration with Dr **Vitalii Zablotskii** and **Tatyana Polyakova** from the Department of Optical and Biophysical Systems at Institute of Physics of the Czech Academy of Sciences, was published in the Journal of Magnetic Resonance Imaging. [Read more](#)

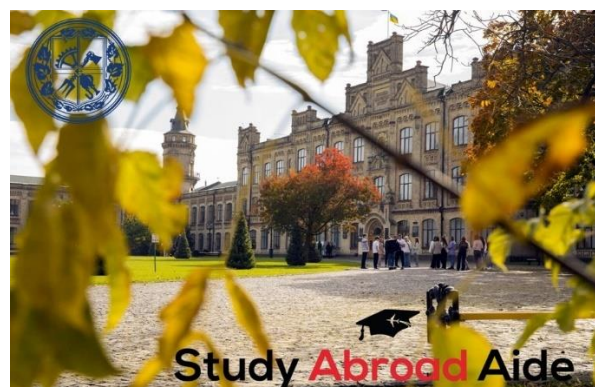


## Education, engineering, ecology: ESG Reboot initiative

The inaugural ESG Reboot event “*Education, Engineering and Ecology in United System of Responsibility*” took place at Igor Sikorsky Kyiv Polytechnic Institute. This is the first major event initiated by the Faculty of Chemical Engineering (FCE) in partnership with the ESG Liga PAEW (Professional Association of Environmentalists of the World) and the Office of Sustainable Solutions. [Read more](#)

## Prestige, potential, affordability: Kyiv Polytechnic offers superior education, remains cost-effective choice for international students

Study Abroad Aide’s *Best University Rankings by Country* presents leading institutions that offer superior education and an outstanding setting for international students. Alongside this, its *Best Value University Rankings by Country* highlights leading universities that provide excellent academic programmes while remaining cost-effective choices for international students. As of May 2025, the Study Abroad Aide’s website features information on 8,634 universities from 70 countries. Out of 167 universities in Ukraine, Taras Shevchenko National University of Kyiv and the Igor Sikorsky Kyiv Polytechnic Institute are the top-performing institutions in the Best University Rankings by Country. [Read more](#)



**Collaboration with Alliances**





## UNICA to be at European Youth Event

On **13–14 June 2025**, thousands of young people aged 16 to 30 will meet in Strasbourg for a unique experience of the European democracy. The event includes debates, workshops, artistic performances, interactive activities, and tours. Through an exclusive collaboration with the Youth Outreach Unit from the European Parliament, UNICA is taking part in this significant event with a delegation of 15 students from member universities and two representatives: **Federica Nestola**, Project & Policy Officer at the UNICA Secretariat, and **Guido De Wilde**, Manager of International Student Affairs at the Global Student Experience & Engagement Student Services from the University of Amsterdam. [Read more](#)

## UNICA opens Steering Committee elections

The UNICA network of universities from the capitals of Europe is set to elect five new members to its Steering Committee at the upcoming General Assembly, hosted by the National and Kapodistrian University of Athens on **19 June 2025**. [Read more](#)



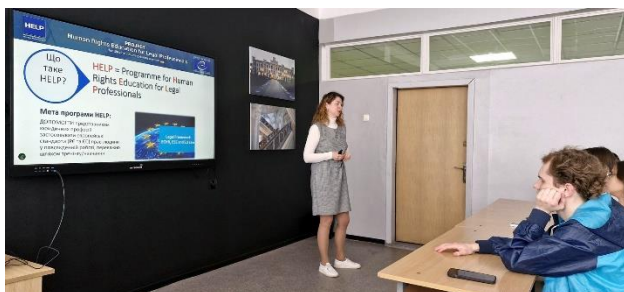
## ATHENA member to host blended intensive program ‘Sensor Driven Modelling for Healthy Living’ in May

The Vilnius Gediminas Technical University (VILNIUS TECH), a member of the ATHENA alliance, invites students of biomedical, medical, biomechanical and rehabilitation engineering to join the blended intensive program, “*Sensor Driven Modelling for Healthy Living*.” This initiative offers lectures, workshops, laboratory sessions, and enriching cultural activities. The program is implemented in cooperation with the Laboratory of Biomechanics at the East Bavarian University of Technology (OTH) Regensburg, Germany, and the Institute of Biomedical Engineering at

## Visits

### Swedish special guests visit Hryhorii Denysenko Scientific and Technical Library

The reputation of the Scientific and Technical Library named after **Hryhorii Denysenko** – **Rector** of the Igor Sikorsky Kyiv Polytechnic Institute from 1971 to 1987 – continues to expand, gaining increasing recognition not only in Ukraine but beyond its borders. Recently, the Kyiv Polytechnic's library hosted special guests from Sweden comprising Dr **Lars Ilshammar**, former Deputy Director of the National Library of Sweden; **Thord Eriksson**, Editor-in-Chief of Biblioteksbladet published by the Swedish Library Association; and photojournalist **Åke Ericson**. [Read more](#)



### Human rights education during wartime: FSL hosts guest lecture by Council of Europe expert

On 1 May 2025, the Faculty of Sociology and Law (FSL) at Igor Sikorsky Kyiv Polytechnic Institute held a thought-provoking guest lecture featuring **Galyna Smirnova**, Senior Project Officer at the Council of Europe Office in Kyiv. The event, conducted in a hybrid format, was warmly received by students and faculty members. [Read more](#)

## Upcoming events



### Warsaw to host Perspektywy Women in Tech Summit in June

The 7<sup>th</sup> Perspektywy Women in Tech Summit will take place in Warsaw, Poland, on **4-5 June**. This year, Perspektywy Education Foundation invites a delegation of 40 female students from Ukraine, including participants from the Igor Sikorsky

Kyiv Polytechnic Institute and other Ukrainian universities.  
[Read more](#)

### **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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