



UKRAINE

MINISTRY OF EDUCATION AND SCIENCE OF UKRAINE  
NATIONAL TECHNICAL UNIVERSITY OF UKRAINE  
"IGOR SIKORSKY KYIV POLYTECHNIC INSTITUTE"

37, Peremohy ave., Kyiv, 03056, Ukraine; tel. (+38 044) 204-82-82; tel./fax (+38 044) 204-97-88  
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Network of Universities  
from Capitals of Europe

Dear Steering Committee,

National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute" feels the utmost respect for UNICA Steering Committee and truly appreciates the proposal of joining the Network of Universities from Capitals of Europe (UNICA).

In regard to the discussion of this possibility with Prof. LEPREVOST during his visit to our university in May this year, Igor Sikorsky Kyiv Polytechnic Institute expresses its strong willingness to apply for UNICA membership. It is the great honour for the university to join UNICA Network.

We are looking forward to establishing strong and fruitful cooperation with the members of UNICA community.

With the anticipation of close future relationship, enclosed you may find the duly filled in Membership Candidate Form.

Sincerely yours,

Prof. Mykhailo Zgurovsky  
Rector



Réseau des Universités  
des Capitales de l'Europe



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## MEMBERSHIP CANDIDATURE FORM

**Full name of University:** National Technical University of Ukraine "Igor Sikorsky Kyiv Polytechnic Institute"

**Rector:** Professor Mykhailo Zgurovsky

**Address:** Telephone: (+38 044) 236-79-89  
E-mail: [mzz@kpi.ua](mailto:mzz@kpi.ua)  
Website: <http://kpi.ua/en>

**Comprehensive University:** Yes

**Number of Faculties:** 25 = 18 faculties + 7 institutes

**Main Fields of Studies:** Mechanical engineering, heavy industry;  
Computer science and information technology  
Electronics, communications, devices;  
Power engineering;  
Chemical production, ecology, medical engineering;  
Humanitarian fields of study;  
Economics, management.

**Research and teaching closely connected:** Yes

**Lifelong Learning Programmes:** Yes

**Postgraduate Programmes:** Yes

**Number of PhD Students/doctoral candidates:** 451 PhD students and 36 Post-Docs

**Vocational training of adults:** No

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Number of students (total):	22100
Foreign students (total) in %:	1.6 %
Overall university budget (in EUR):	41 257 426 Euro
Number of co-operation agreements, main partners and programmes:	Up to 200 agreements
Main partners and programmes are:	IBM, Huawei, Microsoft, Cisco, Siemens, Samsung, Intel, Panasonic, Hewlett Packard, Delcam, Rigaku, Festo, Jeppensen, Vanlead Group, Warsaw University of Technology, Wrocław University of Science and Technology, Otto von Guericke University Magdeburg, Tallinn University of Technology, RIKEN SPring-8 Center, Guangzhou University, Harbin Institute of Technology, Huizhou University, Zhejiang University  More information <a href="http://icd.kpi.ua/?page_id=2295">http://icd.kpi.ua/?page_id=2295</a>
Most important European/international R&D programmes:	KPI pays great attention to the R&D programs, among them are: <ol style="list-style-type: none"><li>1. UNIDO;</li><li>2. Horizon 2020;</li><li>3. FP7;</li><li>4. NATO;</li><li>5. EURASIA;</li><li>6. VISBI;</li><li>7. STCU etc.</li></ol> More information <a href="http://icd.kpi.ua/?page_id=1175">http://icd.kpi.ua/?page_id=1175</a>
Member of the European University Association (EUA):	<b>No</b>



Member of the EUA Council for Doctoral Education (EUA-CDE):	<b>No</b>
Member of other(s) University network(s):	<ul style="list-style-type: none"><li>• Association of Rectors of Higher Technical Institutions of Ukraine</li><li>• Black Sea Universities Network</li><li>• FRANCOPHONIE - international cooperation organisation of french-speaking countries (is an observer)</li><li>• Magna Charta Universitatum</li><li>• Bologna process</li><li>• United Nations Academic Impact</li><li>• European Students Union (Ukrainian Association of Students is a full member)</li></ul>
Information on the implementation of the Bologna process:	<p>Since 2006 the single system of credits (ECTS – European Credit Transfer and Accumulation System) has been adopted at Igor Sikorsky KPI.</p> <p>More information on the implementation of the Bologna process at Igor Sikorsky KPI can be found in the following link <a href="http://kpi.ua/en/node/12188">http://kpi.ua/en/node/12188</a></p>
Teaching in English for undergraduates	<b>Yes</b>
for postgraduates	<b>Yes</b>
Number of programmes in English:	<b>Bachelor's Degree programs available in English:</b> <ol style="list-style-type: none"><li>1. Metallurgy (Faculty of Physical Engineering);</li><li>2. Production Engineering (Institute of Mechanical Engineering);</li><li>3. Avia and Space-Rocket Techniques (Faculty of Aerospace Systems);</li><li>4. Avionics (Faculty of Aerospace Systems);</li><li>5. Biomedical Engineering (Faculty of Biomedical Engineering);</li><li>6. Metrology and Information-Measuring Technology (Faculty of Biomedical Engineering);</li></ol>



7. Molecular Biotechnology (Faculty of Biotechnology and Biotechnics);
8. Control Systems of Electric Power Generation and Distribution (Faculty of Electric Power Engineering and Automatics);
9. Electronic and Information TV, Cinema and Audio Engineering Systems and Technologies (Faculty of Electronics);
10. Electronic Systems (Faculty of Electronics);
11. Software Engineering (Faculty of Informatics and Computer Science);
12. Computer Engineering (Faculty of Informatics and Computer Science);
13. Automation and Computer-Integrated Technologies (Faculty of Informatics and Computer Science);
14. Management (Faculty of Management and Marketing);
15. Mathematics (Faculty of Physics and Mathematics);
16. Software Engineering (Faculty of Applied Mathematics);
17. Chemical Technologies and Engineering (Faculty of Chemical Technology).

**Master's Degree programs available in English:**

1. Energy Management and Energy Efficiency (Institute of Energy Saving and Energy Management);
2. Engineering Ecology and Resources Conservation (Institute of Energy Saving and Energy Management);
3. Artificial Intelligence Systems (Institute for Applied System Analysis);
4. Foundry Engineering and Casting Process Computerization (Faculty of Physical Engineering);
5. Material Engineering of Powder Composites and Coating Layers (Faculty of Physical Engineering);
6. Physical Materials Science (Faculty of Physical Engineering);
7. Radio Technical Information Technologies (Faculty of Radio Engineering);

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8. Radio Communication and Signal Processing (Faculty of Radio Engineering);
9. Radio Systems Engineering (Faculty of Radio Engineering);
10. Intelligent Technologies of Microsystem Radio Electronic Equipment (Faculty of Radio Engineering);
11. Clinical Engineering (Faculty of Biomedical Engineering);
12. Biomedical Devices and Information Systems (Faculty of Biomedical Engineering);
13. Molecular Biotechnology (Faculty of Biotechnology and Biotechnics);
14. Control Systems of Electric Power Generation and Distribution (Faculty of Electric Power Engineering and Automatics);
15. Electromechanical Automation Systems and Electrical Drive (Faculty of Electric Power Engineering and Automatics);
16. Electronic and Information TV, Cinema and Audio Engineering Systems and Technologies (Faculty of Electronics);
17. Electronic Systems (Faculty of Electronics);
18. Computer Systems and Networks (Faculty of Informatics and Computer Science);
19. Computer-Aided and Robotics Systems (Faculty of Informatics and Computer Science);
20. Management of International Projects (Faculty of Management and Marketing);
21. Software of Computer and Information Retrieval Systems (Faculty of Applied Mathematics);
22. Chemical Technologies of Organic Substances (Faculty of Chemical Technology).

**UNICA institutional contact person:**  
Address:

Ms. Tetiana Kuchynska  
31 building, office 1-14,  
37 Peremogy ave.,  
03057, Kyiv  
Ukraine



Tel:	+38 044 240 99 55
E-mail:	<a href="mailto:vam@kpi.ua">vam@kpi.ua</a>
<b>International Relations office</b>	<b>Yes</b>
Director/Head:	prof. Sergii Sidorenko, Vice-rector of International Collaboration
Address:	37 Peremogy ave., 03056, Kyiv, Ukraine
	Tel: (+38 044) 204-91-99
	E-mail: <a href="mailto:sidorenko@kpi.ua">sidorenko@kpi.ua</a>
Structure and Staff:	
<b>1. <u>The structure of the International Collaboration Department:</u></b>	
<b>1.1. <u>Office of International Affairs and Protocol Support</u></b>	
<ul style="list-style-type: none"><li>▪ Protocol and Visa Division;</li><li>▪ Division of Missions Abroad</li><li>▪ Division of Inter-University Collaboration</li><li>▪ Division of the International Events Organization</li><li>▪ Division of Infrastructural Support of International Events</li></ul>	
<b>1.2. <u>Office of International Relations</u></b>	
<ul style="list-style-type: none"><li>▪ Division of Coordination of Collaboration with the State Authorities of Ukraine and Diplomatic Missions in Ukraine</li><li>▪ Division of Coordination of Collaboration with the International Organization (UNESCO, USTC, EC, UNIDO, UNDP, BSUN et al.)</li><li>▪ Division of Media Relation on the International Activities</li><li>▪ Division of Joint International Structures<ul style="list-style-type: none"><li>1) <u>University-level structures:</u> (UNESCO Department, BSUN Office, Ukrainian-Japanese Center, Ukrainian-French Center, Ukrainian-Poland Center, Ukrainian-Korean Center, Ukrainian-Chinese Center, Ukrainian-German Center, Ukrainian Center for Gender Education, other university-level structures)</li><li>2) <u>Department-level structures.</u></li></ul></li></ul>	
<b>1.3. <u>Office of Organizational Support for International Activities</u></b>	
<b>1.4. <u>Office of International Projects:</u></b>	
<ul style="list-style-type: none"><li>• Division of International Scientific Programs and National Contact Points of the EC Program "Horizon 2020";</li></ul>	



- Division of International Educational Programs (ERASMUS+ (KA2, KA3), Fulbright et al.) and Collaboration with the International Ratings;
- Center for Information Support of International Activity.
  - 1.5. Foreign Economic Activity Office**
  - Division of Customs Support;
  - Division of International Transfer of Education Services;
  - Division of Joint Educational and Scientific Institutions Abroad.
  - 1.6. Office of Information and Complex Administrative Support of International Activities**
  - 1.7. Advisory bodies of ICD:**
    - Council of Heads of Joint International Structures;
    - Board of Deputy Directors of Institutes and Deputy Deans of Faculties on the International Activities
    -

International platform of Igor Sikorsky KPI - is a system of organization of the internal interrelation space, management and implementation of the international activity of the Igor Sikorsky KPI in all areas.

International Collaboration Department (ICD) is the coordinator of the international activity of the Igor Sikorsky KPI, provides its comprehensive administrative and informational support.

International centers are the university structures, which form and develop cooperation of the university with a specific country in all directions in three main areas: education, science, and culture.

The Center for International Education is a structural subdivision of the university responsible for working with foreign applicants, students, and students of the preparatory department.

International offices of institutes and faculties are representative offices of institutes and faculties responsible for international activities provide interaction with the International Collaboration Department on current issues.

Academic Mobility Office is a coordination and advisory structure that promotes the academic mobility of students (ERASMUS+ (KA1) and students exchange and double degree programs.) at the university.

Budget (please indicate if salaries are included or not, in EUR): 768 197 euro (salaries are excluded)

Mission of the office: Transformation of the Igor Sikorsky KPI into an international university with high quality standards of education and research, entering into a group of technical universities that are leaders in educational services export.



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*Please send this questionnaire to*    *Unica General Secretariat*  
*C/° University Foundation*  
*Rue d'Egmont n° 11*  
*B-1000 Brussels*  
*Phone: +32 2 514 79 00*  
*E-mail : [office@unica-network.eu](mailto:office@unica-network.eu)*