Our world is changing rapidly nowadays. Russia is facing an urgent need to form a new type of economy, i.e., the economy of knowledge, leadership and innovation based on integrating education, science and industry. The expected result of such integration is the emergence of new competitive products demanded on the world market, which will help Russia to take its rightful place on the global economic stage. The system of higher education plays a key role in this, training highly qualified specialists and being a source of new technologies and innovative developments.

The current landscape of higher education is complex, challenging, and constantly changing. Today, the efforts of our several thousand staff are aimed at developing and modernizing SPbPU as a university of a new type, i.e., a leader in multidisciplinary scientific research, pan-industry technologies, and world-class science-based innovations. The University is resolutely committed to address our opportunities and challenges in ways that are consistent with both our mission and needs of our students.

One of our main objectives is to train world-class specialists capable of working on cutting-edge production lines combining research, project, and business activities.

At present, we provide high-quality educational services. In the last few years, the educational system of the University has been entirely reorganized. New international curricula in Russian and English languages have been developed and introduced in cooperation with leading foreign universities. We keep working on implementation of practice-oriented applied Bachelor’s degree programs including interdisciplinary project work of our students based on CDIO concept and involving our scientific and industrial partners in the process of education.

The university plays a distinctive role in the education of students as life-long learners and contributors to society. Our faculty and staff serve the University and our students with the utmost care and an unrelenting focus on the future of each student and the state as a whole.

Our University offers its students great opportunities for self-fulfillment and practical activities. Due to the efficient system of international educational partnership with a range of foreign universities, our students have a chance to get a degree from a foreign partner university together with a Polytechnic degree. Our mission is to create and enhance human capital in order to ensure sustainable development and economic prosperity of Russia.
At present, we are forming a new image of Polytechnic University; a new-type university of the 21st century. Taking into account the University's history, continuance of traditions, its present-day results and achievements in the sphere of science, education, and innovation combined with all positive changes that SPbPU has undergone in the recent years, Polytechnic University can rightfully take place among the top-ranking universities. The recent reorganization in the field of our structural, scientific and educational policy with an emphasis on the “Russian Academic Excellence Project 5-100” will help the University become a first-rate scientific and educational center of industrial development and world-class competence!

Sincerely,
Professor Andrey Rudskoy
Rector of SPbPU
Academician of the Russian Academy of Sciences, Professor, DSc
UNIVERSITY’s HISTORY IN BRIEF

Peter the Great St. Petersburg Polytechnic University, better known in Russia and abroad as St. Petersburg Polytechnic Institute, was founded in 1899 by an order and with great support of then Minister of Finance of Russia S.Yu. Witte. The grand opening of the institute took place on October 1, 1902.

The institute aimed at training highly qualified engineers and economists. For this reason, the first departments of the institute were the Electrotechnical, Metallurgical, Shipbuilding and Economics faculties. A prominent scientist in the field of applied mechanics, Prince A.G. Gagarin was appointed the first Director of the Institute.

On October 2, the first lecture for students of the technical departments was in theoretical mechanics taught by I.V. Meshcherskiy, and for students of the economics department it was in general chemistry by A.A. Volkov. The students, mostly high school medalists, studied with great enthusiasm and diligence, partly due to their living in comfortable dorms and campus remoteness from the temptations of the capital city. The teachers knew their students so well that no exams were necessary.

In 1907, new departments were launched: of civil engineering, mechanics, and chemistry, and by October 1907, 350 new students started their studies at those.

In December 1907, first defenses of graduation works took place.
In January 1910, St. Petersburg Polytechnic Institute was named after the first Russian Emperor Peter the Great.

The Institute kept growing and by 1914, St. Petersburg Polytechnic Institute already had 6 thousand students, three times more than its founders had expected.

The war, which started in July 1914, interrupted the normal educational process. Hundreds of students did not show up: they were off at the fronts. Already in August, the Institute’s facilities started to work for the front repairing aviation engines and producing repair parts and medical preparations. A hospital was deployed in the buildings of the 1st and 3rd dorms. The first group of the wounded arrived to it already in October 1914.

In the course of several decades between the two World Wars, the Institute’s scientists made a significant contribution to different spheres of Russian science and engineering. A noticeable part of Polytechnic graduates emigrated from Russia after the revolution and contributed to the progress of science abroad.

In the 1920s, the Institute graduates contributed to the first large-scale hydroelectric station built within the frame of the GOERLO plan of electrification of Russia: the Volkhov hydroelectric station which is still in operation. A graduate of St. Petersburg Polytechnic Institute of 1912, Academician A. Winter, directed the construction of the Dniepr HPP, then Europe’s largest in terms of power output.

St. Petersburg Polytechnic Institute had undergone several major reorganizations. In 1930, it was divided into twelve independent branch institutes and formally the initial St. Petersburg Polytechnic Institute stopped its existence. It was re-instituted already in 1934 as the Leningrad Industrial Institute, and in 1940, the institute got back its name of Polytechnic Institute.
During World War II, the Institute never stopped functioning. It continued training students and conducting scientific researches. Scientists working at the Institute achieved great results in designing and developing military equipment. Input of Polytechnic graduates in the victory in World War II is enormous. Soviet aircraft designer O.K. Antonov contributed a lot to the improvement of the most mass-produced fighters of the Yak series and his military gliders played an important role in air bridge supply of soviet partisans. Another aeronautical engineer and aircraft designer N.N. Polikarpov, who had worked with Igor Sikorski in 1916, got the name of the “King of Fighters” for his I-15 and I-16 (the “Ishak”) series of fighters. M.I. Koshkin’s tank T-34 was credited as “the most effective, efficient and influential tank design of World War II”. Hundreds of graduates became war heroes, chief commanders of the Red Army, and leaders of the post-war recovery.

Reconstruction of the institute's buildings started right after the lift of the Siege of Leningrad. In the 1950s, the Institute became open to international students.

In 1965, the Institute Preparatory Department for overseas students was founded.

The University scientists were engaged in the provisions for launching the first satellites, as well as the first spaceship “Vostok” with Yuri Gagarin on board. In December 1961, a special experimental design bureau headed by Polytechnic professor T.N. Sokolov was founded which continued R&D works on control automation.

In 1968, an experimental design bureau was founded within the Institute for the development of industrial robotics in Russia. Today, it is one of the most prominent scientific centers in our country: the Russian State Scientific Center for Robotics and Technical Cybernetics.

Polytechnic University is rightfully proud of the Nobel Prize winners N.N. Semenov (Chemistry, 1956), P.L. Kapitsa (Physics, 1978) and Zh.I. Alferov (Physics, 2000) who had studied or worked at Polytechnic University. The famous physicist A.I. Ioffe was the teacher of Kapitsa and a senior colleague of Semenov. A.I. Ioffe had founded in 1919 and headed for many years the Physics and Mechanics
Department of St. Petersburg Polytechnic Institute and the famous Physics and Technical Institute, now bearing his name: Ioffe Institute RAS.

Since the 1970s, the Institute's staff have made a major breakthroughs in the sphere of hydro electrical engineering, power machine engineering, physics, nuclear physics and other fields. In particular, University's scientists Y.S. Vasiliev, R.A. Suris, V.E. Golant, L.P. Nayman, G.N. Alexandrov made a significant contribution to the developments in these spheres.

In 1975, Polytechnic Institute became the first Soviet technical institution of higher education internationally recognized and accepted by the International Association of Universities.

In 1989, Polytechnic Institute got the name and status of a State Technical University. However, since St. Petersburg Polytechnic Institute was a world-known brand, in 2002, the Technical University got back its historical "Polytechnic" status and the name of St. Petersburg Polytechnic University. In 2015, the name of Peter the Great was also re-established and added to the full entitlement of the University.

In 2007, Polytechnic University won the “Innovation University” contest financed within the framework of the National “Education” Project. The goal of the program was to work out a polytechnic system of advanced engineering and scientific manpower development in the priority fields of science and technology.

The results of the Innovative Educational Program accomplishment became the basis for implementation of the National Research University Development Program.

In 2010, SPbPU received the status of a National Research University. It reinforced the implementation of the SPbPU Strategic Development Program for 2010-2019.

Within the framework of this program, a number of innovative development lines have been implemented, such as advanced materials and nanotechnologies, information technologies, energy technologies, power engineering and ecology.

In 2013, SPbPU was one of the fourteen university-winners of the Russian Academic Excellence Project 5-100.

The goal of the Project is enhancement of the leading Russian universities’ competitiveness in the global research and education market.

SPbPU is listed in the QS World University Rankings where it has the 401-410 position. In 2018, SPbPU was ranked 55 in the rating of QS BRICS and 36 in the rating of QS EECA.
WELCOME TO PETER THE GREAT ST.
PETERBURG POLYTECHNIC UNIVERSITY
UNIVERSITY TODAY

The University is subordinate to the RF Ministry of Education and Science but all principal decisions regarding the University’s operations are made by the University Academic Council, responsible for defining fundamental directions of the educational process and researches, the University budget and key administrative decisions. The Chairman of the Academic Council is the Rector of the University.

The University consists of 11 academic institutes, 3 Higher Schools, and more than 100 departments. A total of 33,000 students study at the University; about 6,000 of those are international students. The University structure also includes 43 research and educational centers. The University maintains partner relations with more than 400 universities from 68 countries and over 100 companies all over the world.

The University campus is conveniently located and is easily accessible by public transport. It includes the Museum of University history, the Fundamental Library, the center of cultural programs, a medical center, sport and recreation complex, student dormitories.

Peter the Great St. Petersburg Polytechnic University offers training in 52 BS programs, 167 MS programs, and 90 PhD programs. The University supports more than 85 international programs, including BS & MS programs in English and Double Degree programs.

The Fundamental Library of the Polytechnic University is one of the largest scientific and research libraries in Russia, and it rates among the three best libraries in St. Petersburg. The library possesses a collection of more than 4,000,000 volumes; its information services are developed and supported by the Open Library Systems Center.
Dmitry Medvedev,
Prime Minister of the Russian Federation

“Some universities have already been incorporated into the most significant projects of the National Technological Initiative. Now our challenge is to get them involved in the development of products and technologies in demand. We already have universities that are actively engaged in doing that. Besides St. Petersburg Polytechnic University, where we are present now, this is a series of Moscow universities and some others...”
ORGANIZATION

Structural Units
- 11 academic institutes and 3 Higher Schools
- 120 R&E laboratories
- 43 research and educational centers
- Supercomputer Center
- “Polytechnicheskiy” Research and Technology Park
- Natural Science Lyceum
- University Polytechnic College
- Nuclear Energy Institute in Sosnovy Bor
- Centers for Continuing Education and Professional Development
- SPbPU Representative Office in Shanghai
- Information Center of SPbPU in Madrid

Infrastructural Units
- Fundamental Library
- Exhibition Complex
- Publishing House
- Sports and Recreation Complex: the stadium, gymnastic halls, tennis courts, the swimming pool
- University Accommodation Complex (23 dormitories)
- Northern and Southern Vacation Camps
- Students’ Club
- Medical Complex
- Scientists’ Club in Lesnoye
- Canteens and cafés
RESEARCH AND INNOVATION ACTIVITIES

Research plays a significant role in the University's activities. World famous scientists such as A.F. Ioffe, P.L. Kapiza, N.N. Semenov, M.A. Shatelen, A.A. Baikov and Zh.I. Alferov, working within the University, have made an important contribution to fundamental and applied science. Deep integration of scientific research into the study process results in the high quality of academic programs provided by the University.

In 2010, by a Decree of the Government of the Russian Federation, 29 Russian higher educational institutions, including Peter the Great St. Petersburg Polytechnic University, were awarded the status of a “National Research University”.

As a National Research University, SPbPU elaborated a Strategic Development Program meeting the national policy tasks of forming the innovative economy and economy of knowledge in Russia for the years of 2010–2019. The objective of the program is to restructure SPbPU to make it a new-type research university, integrating multidisciplinary R&D activities and advanced technologies for increasing national economic competitiveness through training specialists of the new era, capable of meeting new challenges and reaching new goals.

Peter the Great St. Petersburg Polytechnic University participates in federal programs, i.e., the Federal Target Program, and programs of the Russian Foundation for Fundamental Research and the Russian Science Foundation. SPbPU has signed agreements on cooperation with leading Russian companies and corporations, such as Rosatom, Gazprom, RusHydro, AvtoVAZ, ALROSA, FGC UES, Rostec Corporation, Rosneft, Energia, United Shipbuilding Corporation, Kamaz, Power Machines LMZ, Rosenergoatom, and others.

Each year, Peter the Great St. Petersburg Polytechnic University holds more than 30 international science and research conferences; it regularly publishes textbooks, monographs, and a number of scientific periodicals. There are several International R&E Centers which were established for developing joint R&D projects in cooperation with international companies, such as Polytechnic-Motorola, LG-Polytechnic, Polytechnic-National Instruments, Philips-Research and Development Laboratory, Polytechnic-Apple Mac, FMC-Polytechnic, Polytechnic-Schneider Electric, Polytechnic-SAP, Weatherford-Polytechnic, Schlumberger-Polytechnic, Electrolux-Polytechnic, Russian-Korean Research Center on Advanced Materials, Russian-Chinese Research Laboratory, Functional Materials.
The Institute of Advanced Manufacturing Technologies (IAMT) is based on the experience and competences of a leading Russian engineering center, the Centre of Computer Engineering of Peter the Great St. Petersburg Polytechnic University (CompMechLab). The center has been successfully operating in the engineering market for more than 20 years, serving Russian and international industries.

IAMT is the leader in the area of advanced manufacturing technologies; it provides for the close links between the University and its industrial partners in the following sectors: automotive, engine technologies, mechanical engineering, instrumentation, shipbuilding, nuclear energy and engineering, oil & gas, and space industry.

Mission and Goals:

1. Research, development and implementation of advanced manufacturing technologies for modern hi-tech industries.
2. Development and design of the “best-in-class” products using the simulation & optimization-driven design approach.
3. Multidisciplinary industrial solutions provided by Computer-Aided Engineering (CAE) technologies.
4. Training a new generation of globally competitive engineers capable of working with complicated industrial challenges.

IAMT has an extensive hardware infrastructure for holding multivariate finite element calculations using full-scale high-definition models that include tens of millions degrees of freedom providing for the minimal divergence between computational models and natural experiments.

IAMT activities involve cross-disciplinary technologies for Computer-Aided Engineering:

- CAD (Computer-Aided Design)
- EA (Finite Element Analysis)
- MBD (Multi-Body Dynamics)
- CFD (Computational Fluid Dynamics)
- FSI (Fluid-Structure Interaction)
- CAO (Computer-Aided Optimization)
- EMA (Electro-Magnetic Analysis)
- HPC (High-Performance Computing)

IAMT staff members have unique know-how and skills in providing complex cross-disciplinary solutions that result in continuous and successful collaboration with Russian and foreign technology leaders, such as Rostec, Rosatom, United Aviation Corp. of Russia, Kamaz, AvtoVaz, ABB, Airbus, Boeing, BMW Group, Daimler, Ferrari, General Electric, General Motors, LG Electronics, Schlumberger, Volkswagen Group, and others.
Denis Manturov,
Minister of Industry and Trade of the Russian Federation

“We have an objective to develop human resources, technological and manufacturing facilities to be able to take a rightful place in the currently forming global markets. It is extremely important to build up a community of engineering centers, which could effectively cooperate with the existing R&D institutes, state corporations, and foreign partners - and the Polytechnic University has a lot to be proud of in this field.”
FabLab Polytech is part of the Center for Scientific and Technical Creativity of Youth (SCY) of SPbPU.

FabLab Polytech is an open and free workspace with CNC-machines for students. The aim of the center is to provide students with the opportunity to realize their technical and creative ideas.

Areas of activities include robotic engineering, 2D and 3D simulation, 3D scanning, 3D printing, electronic devices design and programming.
STUDENT TEAM “NORTH CAPITAL MOTORS POLYTECH”

The student team has developed and constructed a racing car for participation in international student racing competition “Formula Student”.

FIRST RUSSIAN SOLAR VEHICLE SOL

SPbPU Solar Team designed the first Russian solar unique solar-powered car. Solar vehicle SOL had been made for the largest international race of solar electric cars across Australia “World Solar Challenge”. In 2018 solar vehicle SOL successfully participated in the American Solar Challenge (ASC).
ACADEMIC INSTITUTES

- Institute of Civil Engineering
- Institute of Computer Science and Technology
- Institute of Applied Mathematics and Mechanics
- Institute of Physics, Nanotechnology and Telecommunications
- Institute of Advanced Manufacturing Technologies
- Institute of Metallurgy, Mechanical Engineering and Transport
- Institute of Energy and Transport Systems
- Institute of Industrial Management, Economics and Trade
- Institute of Humanities
- Institute of Physical Education, Sport and Tourism
- Higher School of Biotechnology and Food Technology
- Higher School of Technosphere Safety

INSTITUTE OF CIVIL ENGINEERING

FIELDS OF STUDY (BSc, MSc):
- Civil Engineering
- Urban Development (MSc)

INSTITUTE OF COMPUTER SCIENCE AND TECHNOLOGY

FIELDS OF STUDY (BSc, MSc):
- Fundamental Computer Science and Information Technology
- Mathematical Software and Information Administration
- Information Science and Computer Engineering
- Information Systems and Technologies
- Applied Information Science
- Software Engineering
- Systems Analysis and Control
- Quality Management
- Control in Engineering Systems
- Innovations
INSTITUTE OF APPLIED MATHEMATICS AND MECHANICS

FIELDS OF STUDY (BSc, MSc):
- Applied Mathematics and Informatics
- Mechanics and Mathematical Modeling
- Mathematics and Computer Science
- Applied Mathematics and Physics
- Applied Mechanics

INSTITUTE OF PHYSICS, NANOTECHNOLOGY AND TELECOMMUNICATIONS

FIELDS OF STUDY (BSc, MSc):
- Physics
- Radio Engineering
- Telecommunications Technologies and Communication Systems
- Electronics and Nanoelectronics
- Technical Physics

INSTITUTE OF ADVANCED MANUFACTURING TECHNOLOGIES

FIELDS OF STUDY (MSc):
- Technology Leadership and Entrepreneurship
- Applied Mechanics
- Management of Knowledge-Intensive Production

INSTITUTE OF METALLURGY, MECHANICAL ENGINEERING AND TRANSPORT

FIELDS OF STUDY (BSc):
- Machine-building
- Technological Machinery and Equipment
- Design and Technological Support of Machine Production
- Materials Science and Technology of Materials
- Metallurgy
- Automation of technological processes and production
- Transportation technologies
- Ground Transport Technological Complexes

FIELDS OF STUDY (MSc):
- Machine-building
- Technological Machinery and Equipment
- Design and Technological Support of Machine Production
- Materials Science and Technology of Materials
- Metallurgy
- Automation of Processing Procedures and Production
- Motor Transport and Technology Systems
- Design
- Applied Mechanics
- Quality Management
- Technology of Transportation Processes
INSTITUTE OF ENERGY
AND TRANSPORT SYSTEMS

FIELDS OF STUDY (BSc, MSc):
- Heat and Power Engineering
- Electrical and Electrical Power Engineering
- Power-machine Engineering
- Nuclear Power and Thermal Physics
- Ground Transport Technological Complexes

INSTITUTE OF HUMANITIES

FIELDS OF STUDY (BSc, MSc):
- Jurisprudence
- Linguistics
- Advertising and Public Relations
- Publishing
- Psychological and Pedagogical Education
- Foreign Regions Studies
- Sociology (MSc)

FIELD OF STUDY (PhD):
- Physical Education and Sports

HIGHER SCHOOL
OF TECHNOSPHERE SAFETY

FIELDS OF STUDY (BSc, MSc):
- Technosphere Safety

HIGHER SCHOOL OF BIOTECHNOLOGY
AND FOOD TECHNOLOGY

FIELDS OF STUDY (BSc, MSc):
- Production Technology and Organization of Catering
- Biotechnology
INSTITUTE OF INDUSTRIAL MANAGEMENT, ECONOMICS AND TRADE

FIELDS OF STUDY (BSc):

- Economics
- Management
- Human Resources Management
- State and Municipal Management
- Business Informatics
- Commerce
- Commodity Research
- Service
- Tourism
- Hotel Business

FIELDS OF STUDY (MSc):

- Economics
- Management
- Human Resources Management
- State and Municipal Management
- Business Informatics
- Service
- Commerce

PhD PROGRAMS IN RUSSIAN

FIELDS OF STUDY

- Mathematics and Mechanics
- Physics and Astronomy
- Chemical Sciences
- Earth Sciences
- Biological Sciences
- Equipment and Technology of Construction
- Computer Science and Engineering
- Electronics, Radio and Communication Systems
- Photonics, Instrument Engineering, Optical and Biotechnical Systems
- Utilities and Thermal Power
- Mechanical Engineering
- Industrial Ecology and Biotechnology
- Technosphere Safety
- Materials Science and Technology
- Management in Technical Systems
- Nanotechnology and Nanomaterials
- Agriculture
- Economics
- Jurisprudence
- Political Science and Regional Studies
- Education and Pedagogical Sciences
- Historical Sciences and Archeology
- Philosophy, Ethics and Religious Studies
- Physical Education and Sports
Peter the Great St. Petersburg Polytechnic University has signed more than 350 partnership agreements with leading higher education institutions from Europe, Asia, North and Latin America, and Africa. Within the framework of international cooperation, our University carries out the following activities:

- Academic cooperation and networking
- International academic mobility
- Foreign visiting professors and guest speakers
- International joint Master’s degree and PhD programs
- Joint educational projects
- Joint research projects with the involvement of industry
- Joint publications in international editions
- Joint workshops and conferences
- International summer and winter schools
- Joint R&E centers and labs with involvement of global companies
- International joint research laboratories

Every year, about 6,000 international students study in degree and non-degree programs; most of them are participants of exchange programs. The overall number of overseas alumni throughout the past fifty years exceeds 30,000.

Today, the University is focused on developing international educational programs, including programs taught in English. The total number of international programs is over 85, including over 20 Bachelor’s & Master’s Degree programs in English and 30 Double degree programs under agreements with leading EU universities. There also are Summer and Winter School modules, Russian Language programs, exchange programs, etc. Students from more than 100 countries participate in these programs. Every year, about 500 students come to SPbPU from the top universities of the world.

In April 2016, Polytechnic University became the first Russian university to open a representative office in China, in Pudong new district of Shanghai. The aim of the Representative Office is to promote the brand of Polytechnic University in China and in the whole Asia-Pacific region, as well as to increase the reputation and competitiveness of the university as of a leading engineering, innovation and entrepreneurial university of Russia.

The next step in promoting Polytechnic University on the world stage is its close cooperation with the higher education system in Spain. In April 2017 was opened an official Information Center in Madrid. The new Information Center provides everyone with information about the educational programs of SPbPU, its achievements in scientific areas.

Our University occupies one of the top positions among Russian institutions of higher education participating in international research projects. At present, SPbPU has 14 strategic partner universities and more than 350 partner universities from all over the world, including:
In 2015, SPbPU became a member of eight ERASMUS+ projects (Key Action 1 – Learning Mobility of Individuals), supported by the European Union. Within the projects, SPbPU students have opportunities to study abroad or conduct researches at a partner university for a semester, and lecturers can take a short-term internships at a partner university.

Every year, SPbPU participates in international projects within the frame of the ERASMUS+ program. In 2017, SPbPU was a partner in 27 ERASMUS+ Learning Mobility projects and 7 ERASMUS+ Capacity building projects supported by the European Union. Within these projects, students, professors and staff of SPbPU and partner universities have opportunities and financial support to study, teach or conduct researches abroad at a partner university. In the frame of the Erasmus+ projects SPbPU cooperates with more than 80 universities from 22 countries.

SPbPU collaborates with over 100 international companies, such as Motorola, Microsoft, AT&T, Siemens, FMC, Hewlett Packard, Intel, Apple Macintosh, LG Electronics, Philips, Samsung, General Electric, General Motors, Siemens, Schlumberger and others.

Over 30 International Research and Education Centers have been set up at SPbPU in cooperation with world leading industrial companies.
The Higher School of International Educational Programs (HSIEP) is a unified platform for all foreign students arriving to SPbPU.

**HSIEP offers the following international educational programs:**

- University Foundation Program
- Russian language study programs for the levels from A0 to C1: duration from 2 weeks to 9 months
- Russian language study programs for professional activities
  - Russian language for business
  - Professional development for teachers of Russian as a foreign language
- Short-term programs in the field of Russian Studies: courses in the English and Russian languages (summer and winter schools, internships and semester study)
- Customized programs for the groups of students and adults
- Testing Center for Russian as a foreign language: TOEFL I, II and III

Apart from the educational programs, HSIEP supports diverse academic and extracurricular activities of international students providing tutorship and adaptation assistance.
MEMBERSHIP IN INTERNATIONAL ASSOCIATIONS

SPbPU is a member of the following International Associations:

• IAU: International Association of Universities
• European University Association
• Baltic University Program
• Association of Sino-Russian Technical Universities
• University Alliance of the Silk Road
• Belt & Road Science and Innovation Network
• Cooperation Platform of Metropolitan Technical Universities of Central and Eastern Europe
• World Class World Cities University Network
• T.I.M.E. Association
• Association of Russian-Indian Universities
• BRICS Network University
• Hewlett-Packard OpenView University Association
• The Global Energy Interconnection Development and Cooperation Organization (GEIDCO)

Key research associations and scientific networks:

• International network for professional education and research in process & project management (PMUni)
• European Consortium for Mathematics in Industry (ECMI)
• European Research Center for Information Systems (ERCIS)
• European Science and Education Fellowship (ESEF)
• International Association of Universities and Colleges of Art, Design and Media (CUMULUS)
• The European Fusion Education Network (FuseNet)
• Russian-Speaking Academic Science Association (RASA)
• Institute of Electrical and Electronics Engineers (IEEE)

Polytechnic University was the first Russian university to establish a representative office in China. The decision to set up the Representative Office in China was made in November 2015 in the course of the visit of the Pudong New Area (Shanghai) delegation to SPbPU.

The mission of the University's Representative Office in Shanghai is to represent and promote interests of the University in the People's Republic of China (PRC) and other countries of the Asia-Pacific region; promote international cooperation in education, research and the public sphere; promote contacts and cooperation with Chinese and international scholars, experts, academic and research institutions, industrial enterprises and companies, governmental agencies and NGOs; provide international counterparts with up-to-date information regarding the University's activities; compile and analyze information on cooperation opportunities with international partners and disseminate it via University communication channels, and promote the University in this region.

The main objective of the Polytechnic University's Representative Office in Shanghai is to increase the competitiveness and reputation of the university as an innovative, entrepreneurial and international institution in the market of China and Asia-Pacific Region, implement efficient scientific and technical cooperation with universities and companies of China and other APR countries, extend the capacities of technology transfer and commercialization of the results of intellectual activities, promote the educational programs of SPbPU in China and APR, and ensure regular enrollment of talented students from China and other countries of the region at SPbPU.
On April 19, 2017, Peter the Great St. Petersburg Polytechnic University opened an Information Center in Madrid, the capital of Spain. SPbPU became the first Russian university to open its information platform in Spain.

SPbPU Information Center in Madrid (SPbPU IC) is an outpost of the Russian academic and research community in the heart of the Ibero-American space. SPbPU IC in Madrid functions as coordinator of cooperation of SPbPU with Ibero-American universities.

The Information Center of SPbPU in Madrid serves as a platform for organizing direct partnerships between SPbPU and industrial companies, scientific organizations, and universities in Spain and overall the Ibero-American space. The Center’s activities are aimed at providing comprehensive information about the University, its educational programs and scientific achievements, up-to-date information on events and conferences at the University, and participation of SPbPU in international research and educational projects. The Center organizes and conducts international scientific, educational and cultural events.
Polytechnic University is located in a compact campus in the residential North-West district of St. Petersburg. A significant part of the campus is a large park with university buildings scattered around it. The University dormitories accommodate about 7,000 students.

Polytechnic University provides a wide range of social, cultural and recreational facilities for the students and staff.

Polytechnic University has access to the following recreation areas: the Northern Camp in Karelia and the Southern Camp on the Black Sea near the city of Tuapse.

The University’s sports facilities include a swimming pool, volleyball and basketball halls, a stadium, tennis courts and gyms. Students participate in the Black Bears sports club. The University hosts the Polytechnic Olympic Games, an annual sports event, involving both Russian and international students.

The University takes part in the Formula Student engineering competition, which has been bringing together thousands of students from universities around the world for more than 30 years. Within the project, student teams turn into a small motor company with a clear structure and well-developed business plan. The company’s goal is to design and test a prototype race car, and then prove the product’s competitiveness in the global automotive market to the jury representatives. Recently, a presentation of St. Petersburg’s first Formula Student sports car took place at the University.
The University has its own radio station “P.fm”, two theater groups, the “Polyhimnia” choir, and various musical and performance groups.

The University’s center of cultural programs is the White Hall. For over a decade, the White Hall has been one of the most popular concert venues in St. Petersburg. Every year, the Polytechnic University organizes various events, such as the “Miss Polytech” beauty contest, Easter Festival, Pushkin Days at Polytechnic University, the Blagovest Choir competition of Russian technical universities, and Golden Autumn Festival, gathering performers from different universities. The University organizes a number of excursions around the most famous sights in St. Petersburg, which is rightfully considered the cultural capital of Russia, as well as guided tours of and trips to ancient Russian towns Pskov and Novgorod.
CONTACTS

ADDRESS
29 Polytechnicheskaya Street, St. Petersburg, 195251, Russia

TRANSPORT
Subway station “Polytechnicheskaya”

RECTOR’S OFFICE
Tel: +7 (812) 552-60-80
Tel: +7 (812) 591-67-21
Fax: +7 (812) 591-66-21
E-mail: adm@spbstu.ru

INTERNATIONAL OFFICE
Tel: +7 (812) 534-10-02
Fax: +7 (812) 534-13-65
E-mail: intadm@spbstu.ru