

1899 OUR RETROSPECTIVE

The Polytechnical Institute was founded in 1899

Through over 100 years history our professors, students and graduates have made many significant discoveries and inventions. Here are only some of them:

1915

the world's first gas mask created

1933

first flight of the «CCC-1» stratostat to research stratosphere and outer space was launched

1939

the best tank of the 2nd World War T-34 was designed

1959

the world's first shots of the back side of the Moon were taken

1988

the world's first thermonuclear synthesis reactor Tokamak 16 was started

1997

session of space robotic arm control using a computer network was held for the first time in the world

2000

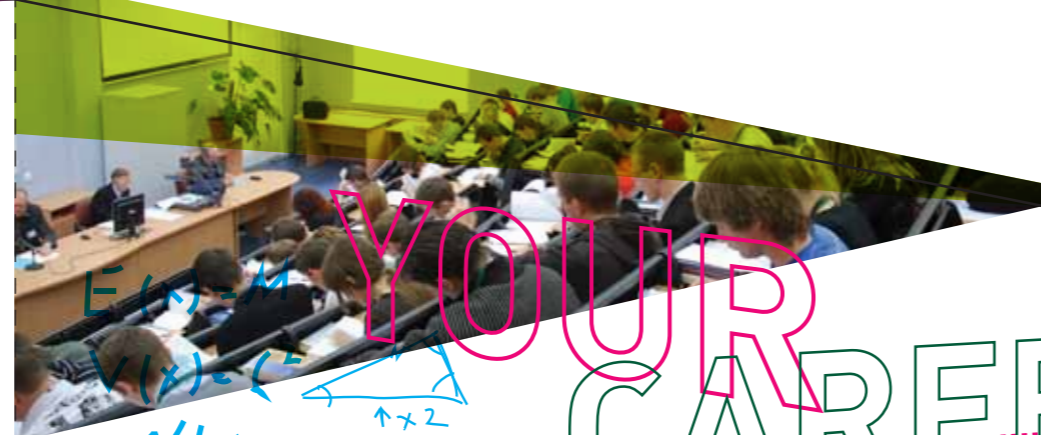
Zhores Alferov, Dean of the Department of Physics and Engineering, was awarded a Nobel Prize

TODAY

Polytechnical University is among the TOP-10 Russian universities. SPbSPU institutes and laboratories are involved in active research and education work. Students, postgraduates and teaching staff develop advanced education technologies and create new inventions.

ENTER THE POLYTECHNICAL UNIVERSITY AND YOU CAN JOIN THE TALENTED STUDENTS IN ONE OF THE BEST UNIVERSITIES IN RUSSIA! A BRIGHT FUTURE IS WAITING FOR YOU!

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Economics and Humanities

- INSTITUTE OF INDUSTRIAL ECONOMICS AND MANAGEMENT**
(Economics, Management, Business Informatics, State and Municipal Management, Applied Information Science)
- INSTITUTE OF HUMANITIES**
(Advertising and Public Relations, Psycho-pedagogical Education, Jurisprudence, Forensic Inquiry)
- INSTITUTE OF APPLIED LINGUISTICS**
(Linguistics, Publishing)
- INSTITUTE OF INTERNATIONAL EDUCATIONAL PROGRAMS**
(Advertising and Public Relations, International Regional Studies)

Physical

- INSTITUTE OF APPLIED MATHEMATICS AND MECHANICS**
(Applied Mathematics and Information Science, Applied Mathematics and Physics, Applied Mechanics, Mechanics and Mathematical Modeling)
- INSTITUTE OF PHYSICS, NANOTECHNOLOGY AND TELECOMMUNICATIONS**
(Physics, Radiophysics, Technical Physics, Electronics and Nanoelectronics, Radio Engineering, Infocommunication Technologies and Communication Systems)

OUR INTERNATIONAL PROGRAMS
← YOUR CAREER SPRINGBOARD!

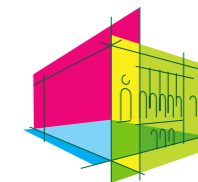


PROSPECTS

St.Petersburg State Polytechnical University offers educational programs highly demanded in the labor market.
12 SPbSPU institutes annually recruit new students, to teach them and help to become highly qualified specialists.

Engineering

- INSTITUTE OF CIVIL ENGINEERING**
(Construction Engineering, Environmental and Water Use, Construction of Unique Buildings and Constructions, Technosphere Safety)
- INSTITUTE OF POWER ENGINEERING AND TRANSPORTATION**
(Electrical and Electrical Power Engineering, Heat-power Engineering and Heat Technology, Power-machine Building, Nuclear Power Engineering and Thermal Physics, Nuclear Reactors and Materials, Technological Machines and Equipment, Motor Transport and Technology Systems)
- INSTITUTE OF METALLURGY, MECHANICAL ENGINEERING AND TRANSPORT**
(Design, Machine-building, Technological Machines and Equipment, Design and Technological Support of Machine Production, Motor Transport and Technology Systems, Mechatronics and Robotics, Motor Transport and Technological Equipment, Metallurgy, Material Science and Material Technologies)
- INSTITUTE OF COMPUTING AND CONTROL**
(Fundamental Information Science and Information Technologies, Software and Information Systems Administration, Computer Safety, Information Safety of the Automated Systems, Information and Analytical Safety Systems, Information Safety, Instrumentation Technology, Systems Analysis and Control, Control in Engineering Systems, Information Science and Computer Engineering, Information Systems and Technologies, Applied Information Science, Software Engineering, Innovations)
- INSTITUTE OF MILITARY ENGINEERING AND SAFETY RESEARCH**
(Technosphere Safety)



ST. PETERSBURG STATE POLYTECHNICAL UNIVERSITY



ABOUT UNIVERSITY

OUR OPPORTUNITIES

Number of Polytechnics is increasing:

- Total number of students – over 30 000
- More than 3000 foreign students
- 8500 university staff

We have:

- 12 institutes
- Science park and incubating
- Over 40 research and education centers
- One of the largest libraries in St. Petersburg
- Student Dormitories for 5000 residents
- Over 100 departments and 120 R&E laboratories
- International Student Campus for 1200 residents
- Sport Complex: stadium, gymnastic halls, tennis courts, swimming pool, ski center, wrestling and boxing halls, weightlifting gym, a climbing wall, a rehabilitation center, etc.
- 3 branches and 6 representations
- Medical Complex



Choice of your future profession:

Polytechnical university created all necessary conditions for high quality education and immersion in an unforgettable student life atmosphere. We offer our students

- a wide range of education programs:
- 38 Bachelor degree programs
 - 188 Master degree programs
 - 90 PhD and DSc scientific majors



YOUR PROSPECTS INTERNATIONAL

We want you to get modern education of high quality international level. Therefore, we have developed cooperation with partner universities, carry out joint educational programs, implement research projects with foreign partners, participate in international conferences and student competitions.

Today at the Polytechnical University work more than 20 international joint research and educational centers with leading foreign companies, such as Microsoft, Motorola, Siemens, LG "Electronics", Apple Macintosh and others. Active international cooperation opens new horizons for our students and forms the skills of professional cooperation at the international level.

Every SPbSPU student with good academic results has the opportunity to study abroad in any of the international programs or continue their education in a partner university.



$$V(\bar{x}) = V\left(\frac{x_1 + \dots + x_n}{n}\right) = \frac{1}{n} \sum_{i=1}^n V(x_i) = \frac{1}{n} \sum_{i=1}^n \sigma_i^2 = \frac{\sigma^2}{n}$$

Prospective international programs:

- University Foundation Program (functions over 45 years)
- Russian Language Study Programs
- Degree Programs in English
- Joint and Double Degree Programs
- International Short-term Programs
- International Semester Programs in English
- Summer Schools
- Exchange Programs
- Research Internships

INTERNATIONAL STUDENTS