

St. Petersburg Electrotechnical University

“LETI”



- ❖ 1886 Engineering College of the Post and Telegraph Department
- ❖ 1891 Transformed into Imperial Electrotechnical Institute
- ❖ 1902 First lecture course on wireless telegraphy by Prof. A.Popov
- ❖ 1920 Faculties of Electrical Engineering, Electro Chemistry and Electro Physics
- ❖ 1939 Faculty of Instrumentation and Telemechanics
- ❖ 1945 Faculty of Radio Engineering
- ❖ 1946 Faculty of Electronics
- ❖ 1992 University status granted
- ❖ 1993 Faculty of Humanities
- ❖ 1998 Branch campus in Yugorsk (Siberia)
- ❖ 1999 Faculty of Economics and Management
- ❖ 2007-2008 National Project on Innovations in Education





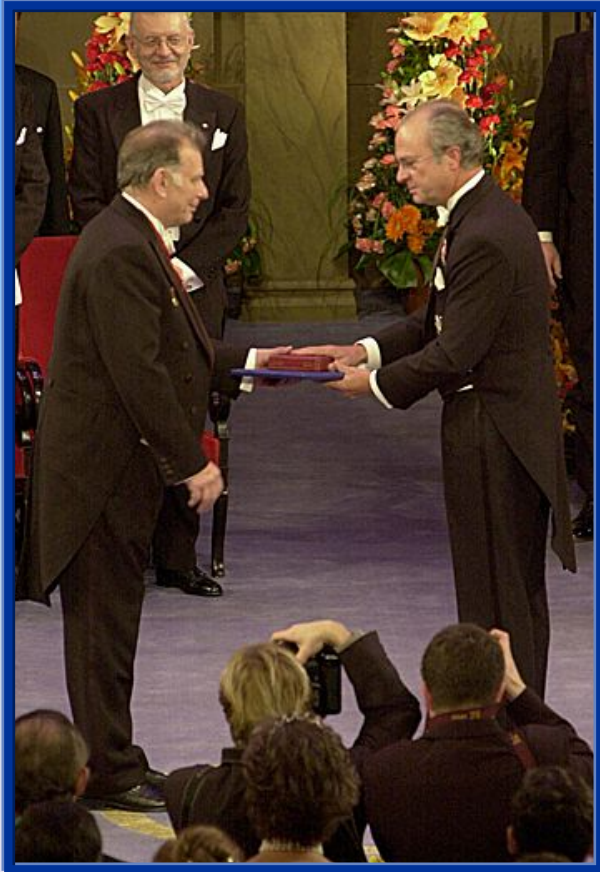
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Facts and Figures

- ❖ **Totally about 9 000 students including 800 international students**
- ❖ **20 Bachelor and 37 Master programs taught at the University**
- ❖ **Teaching staff about 1200 academics including 130 professors, 170 Doctors of Science and 700 PhDs**
- ❖ **20 winners of national and international prizes work for ETU**
- ❖ **More than 30 members of the Academy of Sciences of the RF graduated from ETU or lectured at the University**
- ❖ **Students from 35 countries study at the University**

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Nobel Prize winner Prof. J. Alferov



In 2000, the University alumni, Chair of the Department of Optoelectronics Prof. J. Alferov won the Nobel Prize in Physics.

- ❖ **Radio Engineering**
- ❖ **Telecommunications**
- ❖ **Solid State Physics and Microelectronics**
- ❖ **Computer Technologies and Information Processing**
- ❖ **Electrical Engineering**
- ❖ **Automation and Control**
- ❖ **Instrumentation and Measuring Technologies**
- ❖ **Biomedical Technologies and Systems**
- ❖ **Quality Management and Certification**
- ❖ **Economics and Corporate Management**
- ❖ **Humanities and Social Sciences**

Faculties:

❖ 7 Faculties of full-time teaching;
Open Faculty (part-time, distant learning, externals)

Degree programs:

20 Bachelor and 37 Master programs, 42 PhD programs

Enrollment competition:

2,7 applications per place at average

Bachelors and Masters

In 2005, the University switched to the Ba-Ma-PhD scheme of studies



University library:

More than 1 million documents,
Internet access to digital periodicals and data bases

Computer network:

About 40 servers and 1000+ personal computers

ETU offers graduate and post-graduate education at 7 Faculties:

- ❖ **Radio Engineering and Telecommunications**
- ❖ **Electronics**
- ❖ **Computer Technologies and Informatics**
- ❖ **Electrical Engineering and Industrial Automation**
- ❖ **Instrumentation, Biomedical and Ecological Engineering**
- ❖ **Economics and Management**
- ❖ **Humanities**



In 2006, along with 47 Russian universities, ETU won the bid for the National Project on Innovations in Education.

The main goal of the University Project is Teaching and Training Competitive Innovation-oriented Professionals for High-Technology Industries and Businesses based on:

- ❖ Integration and collaboration with strategic partners and employers
- ❖ Use of up-to-date infrastructure and teaching and learning technologies
- ❖ Involvement of highly qualified academics.

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5-100 Project

- **20 Russian best standing Universities selected**
- **the goal: to get in the top100 universities of world rankings**
- **the University Road map approved by the international Board of Experts**

International academic cooperation:

- ❖ Quality Assurance through academic mobility and internationalization of teaching and research**
- ❖ Participation in European cooperation programs and schemes (TEMPUS-TACIS, ERASMUS, FPs, DAAD, CIMO, Visby, etc)**
- ❖ Collaboration with big international companies (IBM, Motorola, LG, Siemens, AMD, Infenion) and professional societies (IEEE, SEFI, EAIE, ENAEE)**
- ❖ Double-degree programs with partner universities in Finland, USA, Denmark, and UK**



Opening ceremony for the IEEE memorial plate confirming the priority of Prof. A. Popov historical invention of wireless communication



President of IEEE Dr. C. Anderson visiting Prof. A.S. Popov memorial laboratory during the conference devoted to the 110-th anniversary of invention of radio communications



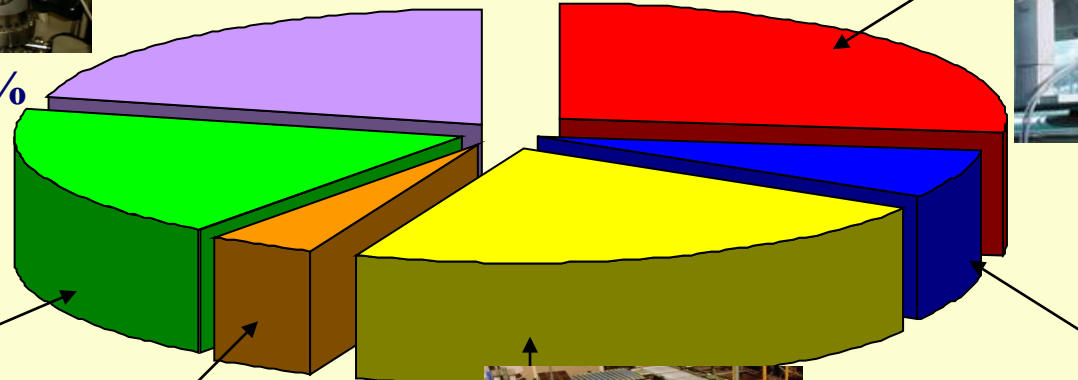
University Technology park and innovations



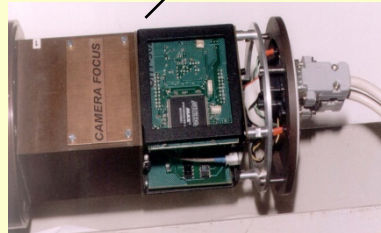
Electronics – 21%



Information technologies 27 %



**Medical devices
19%**



**Telecommunication
systems 4%**



**Automation & hardware
complex 22%**

**Technology
transfer – 7 %**

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**Saint-Petersburg
Electrotechnical University “LETI”**

Thank you for your attention!

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