



2015

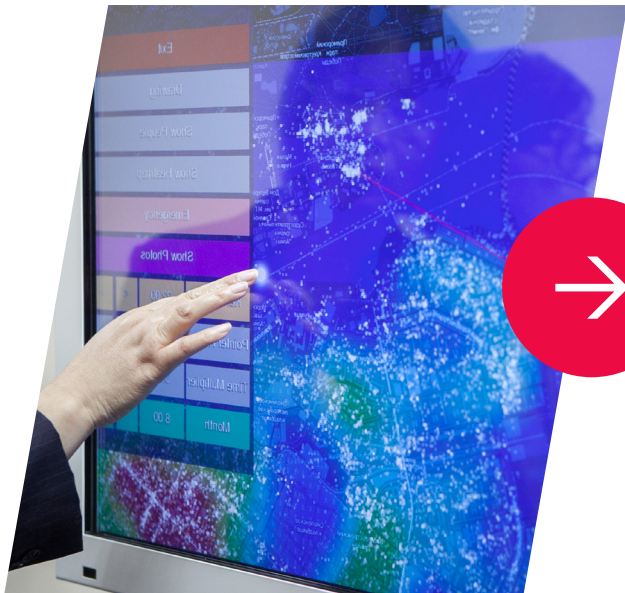
ITMO

Saint Petersburg

UNIVERSITY



ITMO UNIVERSITY



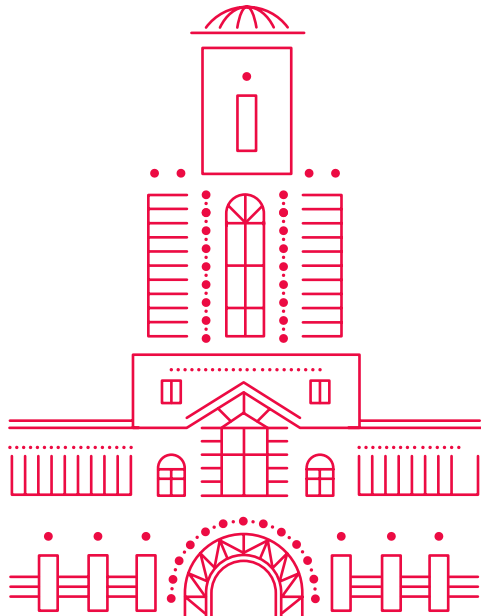
**RESEARCH-LED
INNOVATIVE
EDUCATIONAL
PERSON-FOCUSED**

Our mission

To generate cutting-edge knowledge, implement innovative findings and prepare an elite workforce capable of working in a fast-paced world and ensuring progress in science and technology

Our philosophy

It's more than a University



Brief history



Brief history

1900

Founded as a Mechanical and Optical Department of the Prince Nicolas Vocational School

1930

Changed name to Leningrad Institute of Fine Mechanics and Optics (LITMO)

2003

LITMO became the Saint Petersburg State University of Information Technologies, Mechanics and Optics

2009

Received a designation of the "National Research University"

2014

ITMO University



At a glance



At a glance



14000+

student body



863

Bachelor degree
graduates



927

Master degree
graduates



1300+

foreign students
from 46 countries



1200+

lecturers, professors



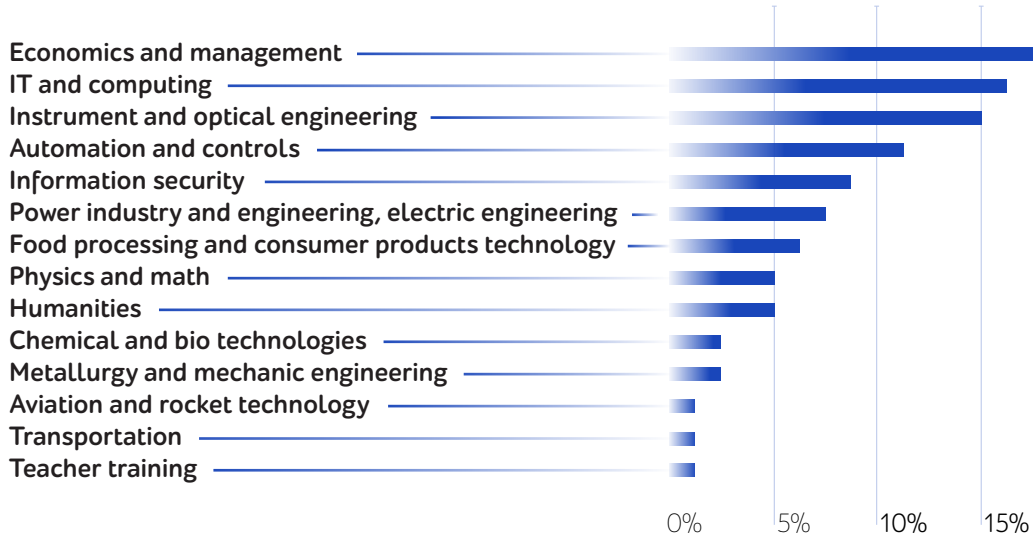
\$ 81 million

university overall
budget in 2014

\$ 37,7 million

university R&D
budget in 2014

Student body profile



Colleges & Departments



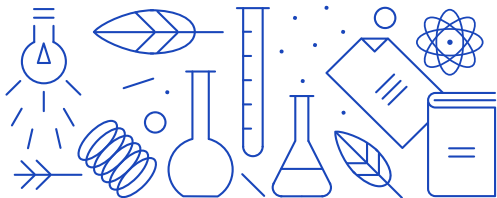
Institutes

- Institute of Translational Medicine
- Institute of Design & Urbanism



Departments

- Department of Food Biotechnologies and Engineering
- Department of Natural Sciences
- Department of Physics and Engineering
- Department of Infocommunication Technologies
- Department of Computer Technologies and Controlling
- Department of Optical Information Systems and Technologies
- Department of Technological Management and Innovations
- Department of Photonics and Optoinformatics
- Department of Cryogenic Techniques and Air Conditioning
- Department of Management Methods
- Department of International Business and Law
- Department of Integrated Military Education
- Department of Part-time and Distance Learning
- Department of Distance Learning
- Department of Higher Qualification Expert Training
- Department of Secondary Vocational Education
- Department of Career Development and Pre-Entry Preparatory Training
- Department of Advanced Training of Teachers



Top research fields

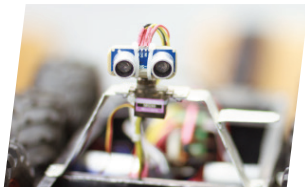


Top research fields

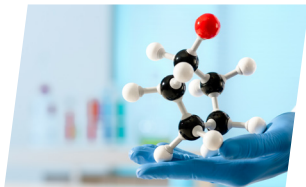
Photonics
and optics



Intelligent technology
& robotics



Life sciences
and health



Natural sciences



"Smart" materials, nanomaterials
and nanotechnology



IT in economics,
social sciences and art

ITMO international research centers

- 43 international research centers
- Local and foreign scientists, graduate and postgraduate students, PhDs
- Renowned specialists with worldwide recognition



**Peter M.A.
Sloot**



Yury Gunko



Romeo Ortega



**Xi-Cheng
Zhang**



Yury Kivshar

We are proud they call ITMO their home

Pavel A. Belov



Doctor of science, developer of meta-materials for transmission of high-resolution images that several times exceed traditional optical systems in efficiency.

Alexander V. Boukhanovsky



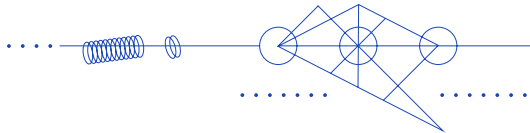
Doctor of science, professor, ideologist and one of creators of a unique decision-making system that helps protect St. Petersburg from floods. Author of several double degree programs.

Lev P. Boulat



Doctor of science, professor, renowned specialist in thermo-electric conversion of energy with worldwide recognition.

We are proud they call ITMO their home



**Anatoly V.
Fedorov**



Doctor of science, professor, renowned specialist in semiconductors, physics of quantum-dimensional systems, spectroscopy of semiconducting nanocrystals.

**Alexander V.
Baranov**



Doctor of science, professor, renowned specialist in experimental optical spectroscopy of complex molecules, carbon materials and semiconductor quantum nanostructures.

Anton F. Pyrkin



Ph. D., proposed new control approaches that are widely published in journals and proceedings. Many of them are applied to the real robotic systems.



International Collaboration



International Collaboration

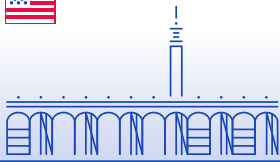
- More than 200 international events are held annually
- International programs, including Fulbright, Erasmus Mundus, DAAD, Unesco-Unevoc
- Double-degree programs with leading universities
- Member of several international associations:
 - European University Association
 - Shanghai Cooperation Organization
 - Association of Technical Universities in Russia and China
 - International Society for Optics and Photonics
 - Institute of Electrical and Electronics Engineers



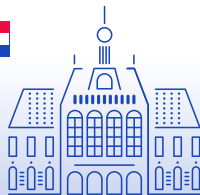
Partner universities



USA
UCLA



USA
State University of New York
at Albany



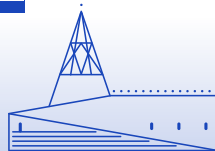
The Netherlands
Amsterdam University



USA
University of Rochester



Germany
Berlin Technical University



The Netherlands
Technical University of Delft

Partner universities



China
The Hong Kong University
of Science & Technology



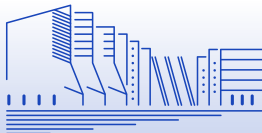
China
Peking University



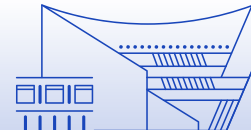
France
LILLE 1



Canada
University of Toronto



Australia
Australian National University



Finland
Aalto University

+ over 100 universities
around the world

International educational programs

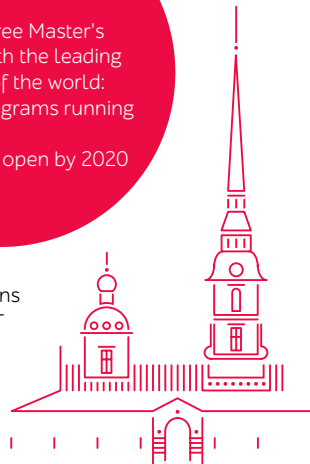
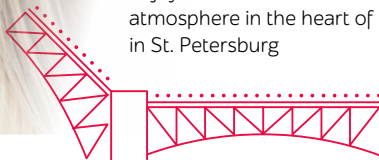


Double-degree Master's programs with the leading universities of the world:

- over 40 programs running today
- 40 more to open by 2020

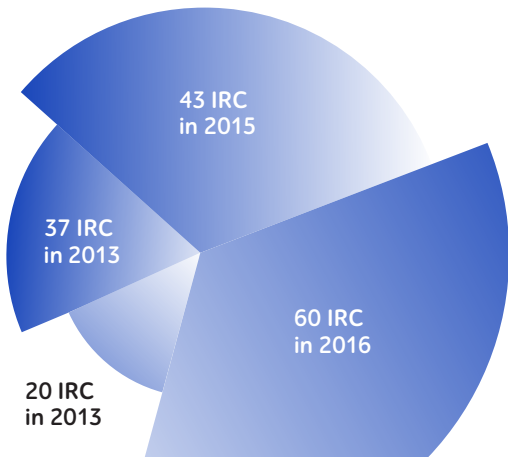


Enjoy international innovations atmosphere in the heart of IT in St. Petersburg

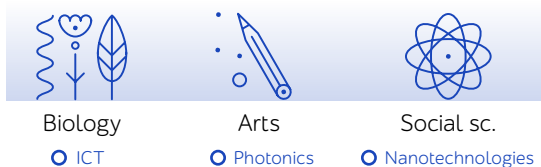


ITMO R&D international cooperation

International Research Centers



Partners' Competences



Centers of excellence

- Photonics and optics
- ICT in economics, social sciences and art
- Intelligent technologies and robotics
- Life sciences and health
- Natural sciences
- Smart materials, nanomaterials and nanotechnologies

ITMO and innovation



ITMO and innovation



Excellent system for creation and support of the SIEs and effective commercialization of the ITMO University R&D



Fruitful cooperation with both Russian and foreign research institutions; stronger ties with the small and medium business



Participation in five innovation clusters in St. Petersburg



Two business incubators, up-to-date innovation labs, ITMO University FabLab, two startup accelerators for IT and hi-tech hardware projects

ITMO support to spinoffs and startups:

- System for R&D support (incl. hi-tech entrepreneurship), consultancy, services, facilities, equipment rental
- University investments in IP and business development
- Startup accelerators Sum IT: mentorship "from idea to the competitive product"
- Startup Class: trainings in IP management, legal and financial aspects, business development, individual mentorship for each project



ITMO support to spinoffs and startups:

- University competitions and pitches (Project Proposal Competition, Sum IT, Warm Up, Big Bang)
- Network of partners ready and able to support the young entrepreneurs
- Startup Accelerator iDeal Machine: investments and mentorship
- 3D modelling and prototyping in the ITMO University FabLab



Industry partners



Reputation



Reputation



- The only six-time absolute champion of the ACM International Collegiate Programming Contest in the world (2004, 2008, 2009, 2012, 2013, 2015)
- Home of the winners of international programming competitions Google Code Jam, Facebook Hacker Cup and Yandex.Algorithm

Reputation



TMO team has brilliantly performed at:

- Third International Olympic Games of humanoid robots Taydzhin Cup
- International Tournament for dancing robots Fujino Cup

We are the several-time winners of:

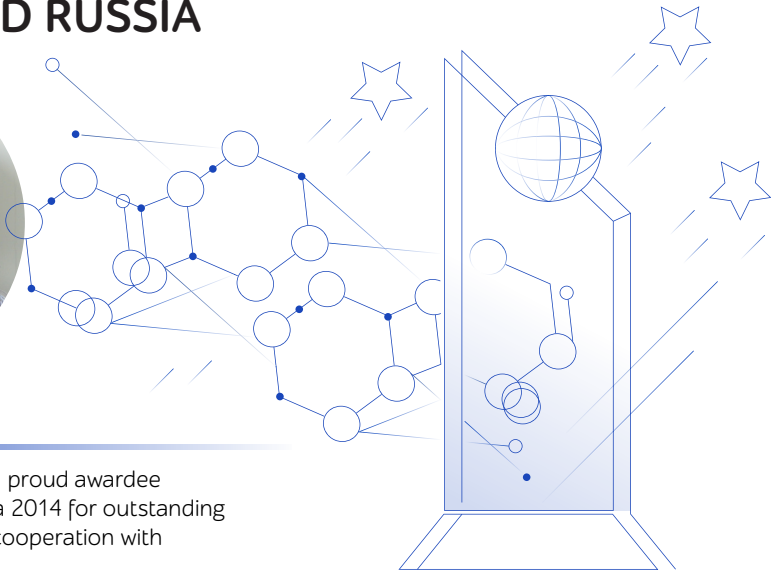
- International Hacking competition (CodeGate)
- Annual National Russian University Challenge in Information Security (RuCTF)

SCOPUS AWARD RUSSIA



Irine E. Bocharova

ITMO University docent is a proud awardee of the Scopus Award Russia 2014 for outstanding results in IT, performed in cooperation with European colleagues.



International students



International students

Be surrounded by the culture of research, innovation and entrepreneurship

Courses and admission procedures are available on our website www.ifmo.ru



Study what you love and be the innovation catalyst

International doctorate program offers dual PhD degrees with partner institutions

International programs in English





RUSSIA,
ST. PETERSBURG

IT'S **MO**re than a
UNIVERSITY

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international@mail.ifmo.ru