MIPT
AT A GLANCE
7132 Students
80 Labs on
Nobel Laureates among
Founded in 1951
Numbers

MIPi-

FACTS

10

MIPi-

FACTS
The Physical System

Semionov:
Lev Landau, and Nikolay
Laurerates Per Karpita,
was formulated by Nobel
<table>
<thead>
<tr>
<th>International Faculty Members %</th>
<th>International Students, % 30</th>
<th>Research Citations 4.8</th>
<th>Students/Faculty Ratio 7.9</th>
<th>Number of Students 93.6</th>
<th>Physics (THE) Score 77.7</th>
<th>Academic Reputation In THE Physical Sciences 89</th>
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**Comparison Benchmark**
MIPT Results in 2018

- 13 out of 80 labs opened in 2018
- 30% growth in R&D relative to 2016
- 50 publications in the top 1% most cited publications in the world (2.6%)
- Highest admission quality (USE of 94 out of 100)
- 41 courses on Coursera with 270,000 learners
- 675 professors, with more than 20% being members of the RAS
- 40 projects passed through the startup accelerator Phystech-start
- 1st enrollment in online master's program in technological entrepreneurship realized with RUSNANO
- MIPT got into the five selected universities of the program for the development of technological entrepreneurship in Russia

"This is the best progress we have had so far. I see the progress not only in indicators, but the ideas are just terrific, organization is terrific."

Rafael Reif, MIT's president, Chairman of MIPT's International Board

"MIPT provides excellent training in the field of natural sciences at the world level. Now the university needs to be strengthened by opening new promising areas and commercializing research results."

Konstantin Novoselov, MIPT graduate, Nobel laureate, member of MIPT's Supervisory Board
MIPT attracts talent

- 30% of international students are winners of international olympiads in 2017
- Schoolchildren from 26 countries admitted into international distant-learning Phystech Academy
- MIPT professors lead the training of Russian National Schoolchildren Teams in Physics and Mathematics
- MIPT students won international olympiads on Programming, Theoretical Physics, Mathematics, and Mechanics
- 5 training sessions of ACM ICPC attracted students from 136 universities of 45 countries
- Coaches of Peru and Georgia national teams on Physics and Mathematics enrolled into MIPT Master’s programs
- International recruitment system attracted 32 professors from leading universities
- More than 2000 scientists took part in 15 international conferences on MIPT campus
- International researchers participate in 45% of all MIPT scientific publications.

270 thousand Coursera learners
32 Professors from the leading world scientific centers
136 Universities participating in ACM ICPC Workshops
MIPT Responds to Big Challenges
Entrepreneurship

School of Technology

New Learning Paradigm:

- Master Program: Leadership, Sales, Cross-function
- MBA graduates
- Project mentoring byverse entrepreneurs

ABRE Fund
- Fund for promoting innovations
- Own startup as a graduation thesis

Education

- Bachelor Programs: Economics and Finance
- Entrepreneurship Economics, Corporate Finance, Marketing
- Master Program: Leadership, Sales, Cross-function

Funds

Startup

(MCAP = 100 Mln $) (MCAP = 90 Mln $) (MCAP = 15 Mln $)

Skyenga

Revolve

Turn Focus
The computer science program is designed for students interested in research and development. It provides a solid foundation in computer science and prepares students for a career in the field. This degree program will equip students with the skills and knowledge needed to succeed in the industry.
The program prepares students for professional positions in the aerospace industry, government, and academia. It focuses on modern aspects of aerospace and astronautics, control, and information science, neural networks, and modern computers. The program is designed to meet the needs of students with backgrounds in physics and mathematics, and their implementation in the fields of aeronautics and astronautics. It includes courses on aerodynamics, advanced combinations, and plasma physics systems. The program partners include the ENS, the ENPC, the IRT, the ENSAE, the ENST, and the CEA. The program is also supported by the Thales and Dassault. MIT and the ENS are the main partners. The program is located at the MIT campus in Cambridge, Massachusetts.
Meet Prof. V. Makeev
Program Coordinator
Biomathematics for Industry

Meet Prof. A. Nazaryan
Program Coordinator
Cyber Security

Meet Prof. O. Akopyan
Program Coordinator
Technology and Entrepreneurship

Meet Prof. O. Akopyan
Program Coordinator
Coordinating

For information security, students will learn modern methods of encryption and decryption. They will learn how to manage access to databases, design systems to protect user data, and understand the digital transformations that occur in computer science and information technology.

By the end of the first year, students will have skills and knowledge necessary to develop new applications based on artificial intelligence, deep learning, and blockchain technology. They will learn how to develop DT (disruptive technology) and IS (information security) management systems, as well as develop new applications in information technology.

The Master Program focuses on training professionals with a deep understanding of advanced disciplines in information security. The program is aimed at students with a background in computer science and information technology.

For more information, please contact us at info@akopyan.com.
To participate in the qualifying round, sign up online at en.physicointernational.ru.

Language of the olympiad is English.

Participation in the competition is free. The second stage is final and will be held on site. The olympiad is conducted in two stages, the first of which is a qualifying round held online. The second stage is final and will be held on site.

Contest stages:

Institution and preparation for future contests.

Road to Physics, MIT students for ongoing university education. Create and expand the Commonwealth of Independent States’ largest educational and professional network for non-Russian students, including those from the Commonwealth of Independent States. Including those from the Commonwealth of Independent States. Facilitate access to Russian educational and professional opportunities for international students. STEM, Math, Science, and engineering talent.

Contest objectives:

MIT.

Physicointernational