



iTMO
2026



ITMO — A RESEARCH AND EDUCATIONAL CORPORATION

Smart environments

Lifestyle

Talents

International opportunities

Science and technologies

Development

Creative freedom

Innovations

More than IT: photonics, quantum technologies, life and health sciences

ITMO UNIVERSITY

Quality education that encourages proactive career-building

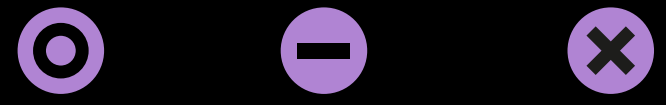
A large community of industrial partners and a well-developed startup culture

A business-minded approach to work processes and a distributed management model

Shared culture – together, we love science, play sports, and share our passions with one another

Academic freedom, comfortable environment, and administrative support for scientists with a focus on research on the scientific frontier

Open-source philosophy: we share our best solutions, scale up ideas, and expand the talent pool



ITMO *re than a*
UNIVERSITY



OUR MISSION

To provide opportunities for the holistic development of individuals and to inspire them to tackle global challenges

OUR PHILOSOPHY

IT's MOre than a UNIVERSITY

ITMO IN FIGURES

17,100+

students in total

1,300+

faculty members

8,800+

Bachelor's
and Specialist's
students

7,400+

Master's
students

1,100+

PhD students

2,700+

international
students



ITMO IN THE RANKINGS



41st

in the U.S. News & World Report subject ranking Optics

174th

in the U.S. News & World Report subject ranking Nanoscience & Nanotechnology



A+

in the AI Alliance ranking of universities by quality of training in the field of AI



2nd

in the ranking of best Russian universities by salary among IT graduates of 2018-2023



5th

in the ranking of digital economy universities of Moscow and St. Petersburg in the field of IT



ARWU
101-150

the only Russian university in the ARWU subject ranking Automation & Control



2nd

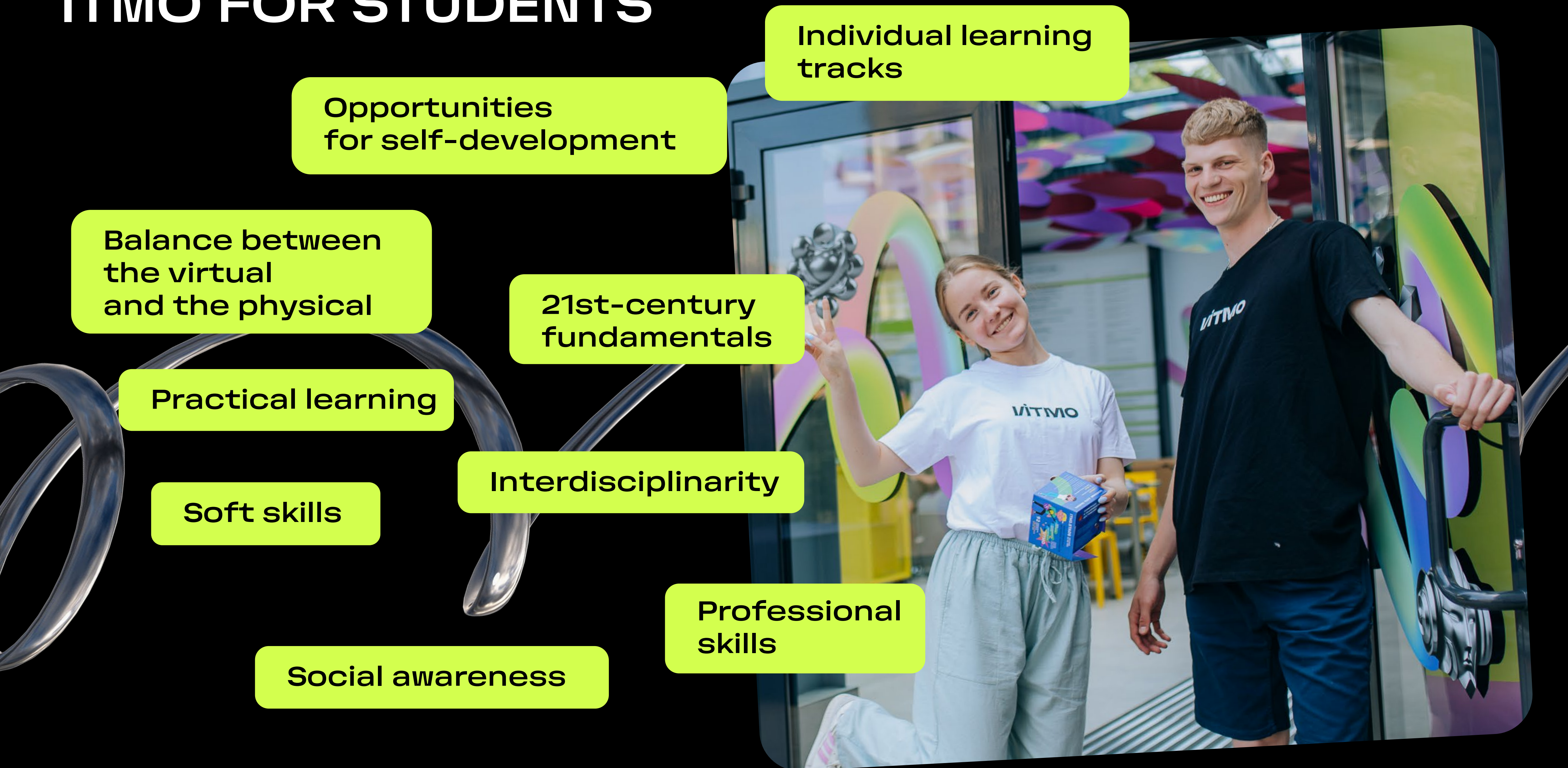
in the ranking of most popular universities among winners of mathematics and computer science competitions



5th

by quality of admissions according to the Higher School of Economics

ITMO FOR STUDENTS



FIELDS OF STUDY

SCHOOL OF TRANSLATIONAL INFORMATION TECHNOLOGIES

- Software development
- Artificial intelligence
- Machine learning
- Big Data
- Bioinformatics
- Translational medicine
- Urban studies
- Internet of Things

SCHOOL OF COMPUTER TECHNOLOGIES AND CONTROL

- Mechatronics and robotics
- Cyberphysical systems
- Digital navigation and control
- Computer graphics and design
- Unmanned aerial vehicles
- Bioengineering
- Cheminformatics

INSTITUTE OF INTERNATIONAL DEVELOPMENT AND PARTNERSHIP

- Humanities and IT
- Art & Science
- Science communication
- Data, culture and visualization
- Public health sciences
- Product design

FACULTY OF TECHNOLOGICAL MANAGEMENT AND INNOVATIONS

- Digital transformation
- Innovative marketing
- Quality control and industry regulation Intellectual property
- Venture investments
- Technological entrepreneurship

HIGHER SCHOOL OF ENGINEERING AND TECHNOLOGY

- Instrumentation
- Electrical engineering and technology
- Optical technologies
- Light-guided photonics

SCHOOL OF PHYSICS AND ENGINEERING

- Laser technologies
- Radiophysics
- Computer vision
- Nanoelectronics
- Quantum technologies
- Metamaterials
- Photonics

SCHOOL OF LIFE SCIENCES

- Biotechnologies
- Solution chemistry of advanced materials and technologies
- Chemistry and molecular biology
- Infochemistry
- Green technologies

EDUCATIONAL MODEL

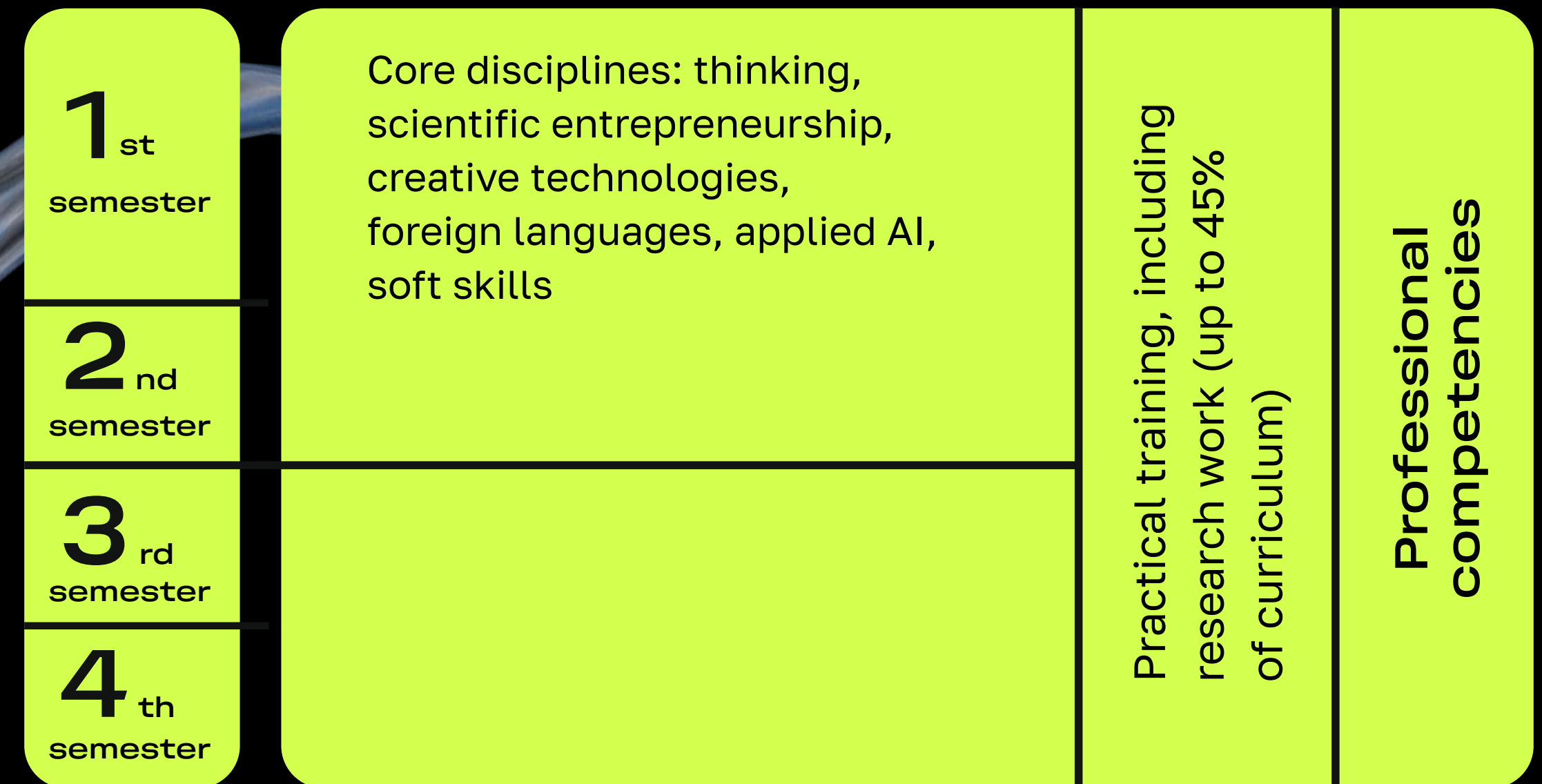
Bachelor's programs

Individual educational tracks



Master's programs

Individual educational tracks



PhD programs 3-4 years

Academic disciplines + research

ITMO FOR SCHOOL STUDENTS

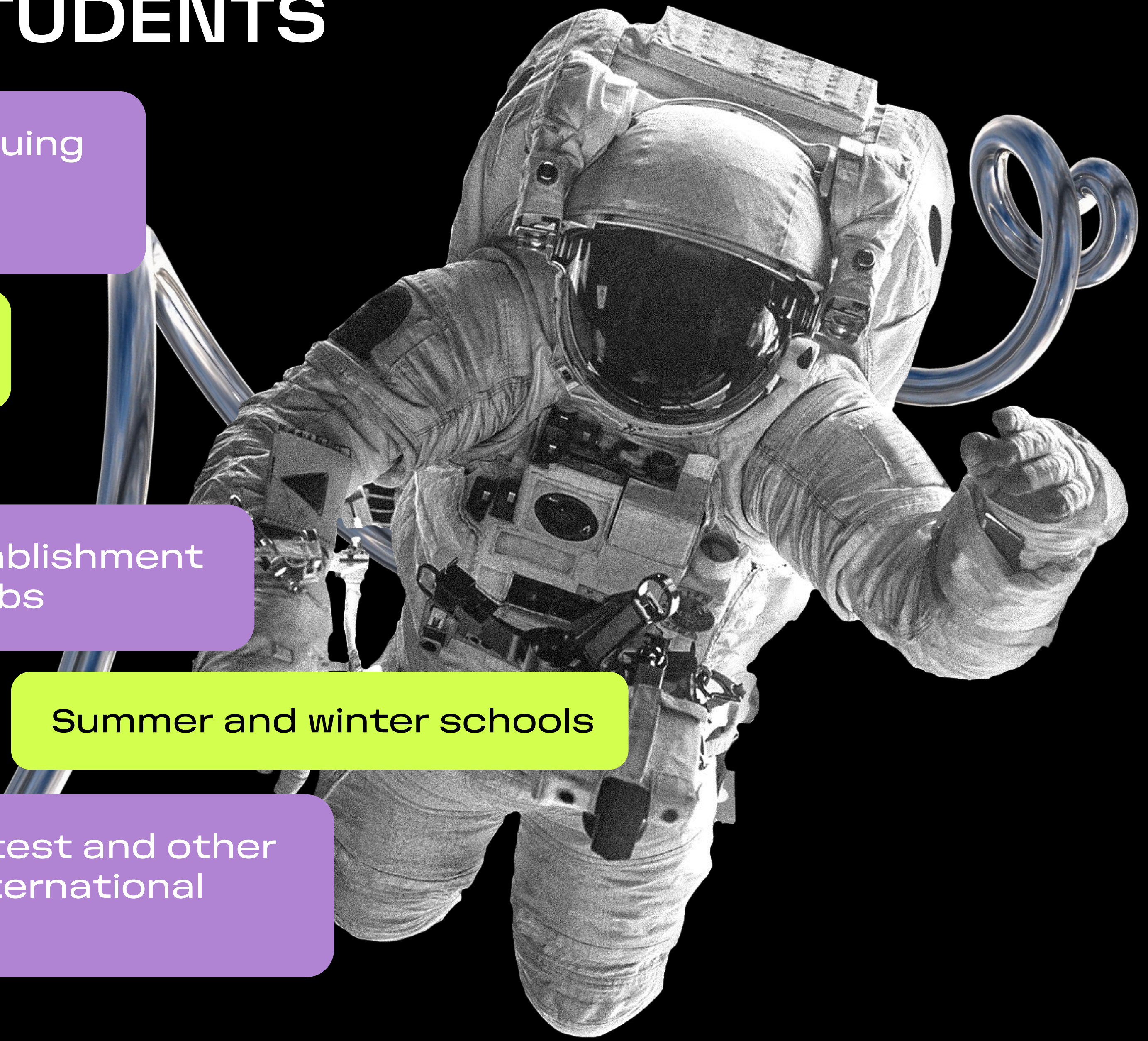
ITMO START – a continuing education portal for school students

ITMO STARS – entrance contest for talented applicants

Open competition for establishment of international science labs

Summer and winter schools

ITMO Mega Contest and other national and international competitions



RESEARCH IN TOP-PRIORITY SUBJECT AREAS

Life and health sciences,
biotechnologies

Metamaterials and nanotechnologies

AI and machine learning

IT in economics, social sciences,
and arts

Intelligent technologies, robotics,
and infosecurity

Natural sciences, radiophysics,
infochemistry

Photonics, optics, and quantum
communications

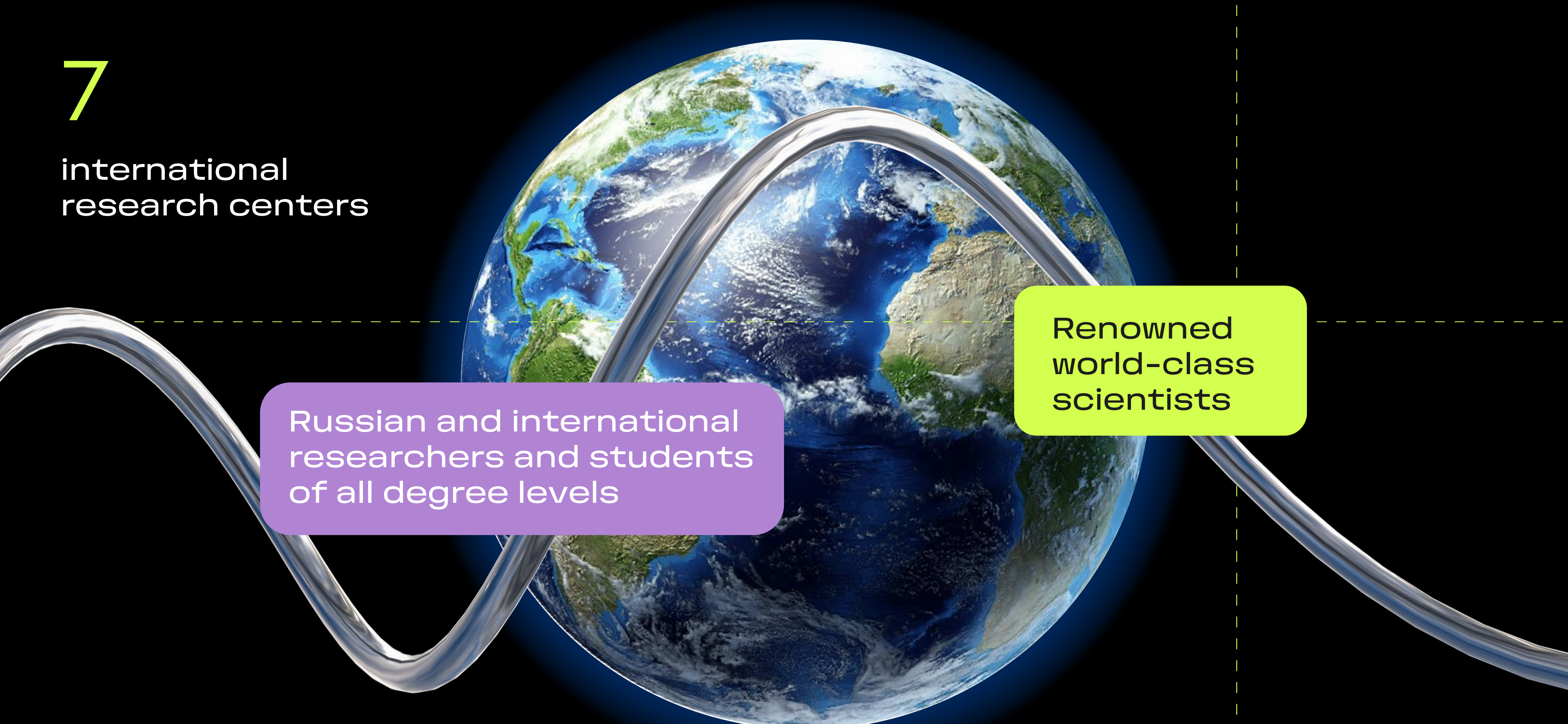
INTERNATIONALIZATION OF SCIENCE

7

international
research centers

Russian and international
researchers and students
of all degree levels

Renowned
world-class
scientists



ITMO FELLOWSHIP PROGRAM

100+

applications
per year

50+

winners per
year

6

annual
application
review rounds

21

current Fellows



Iuliia
Melchakova



Anton
Barchuk



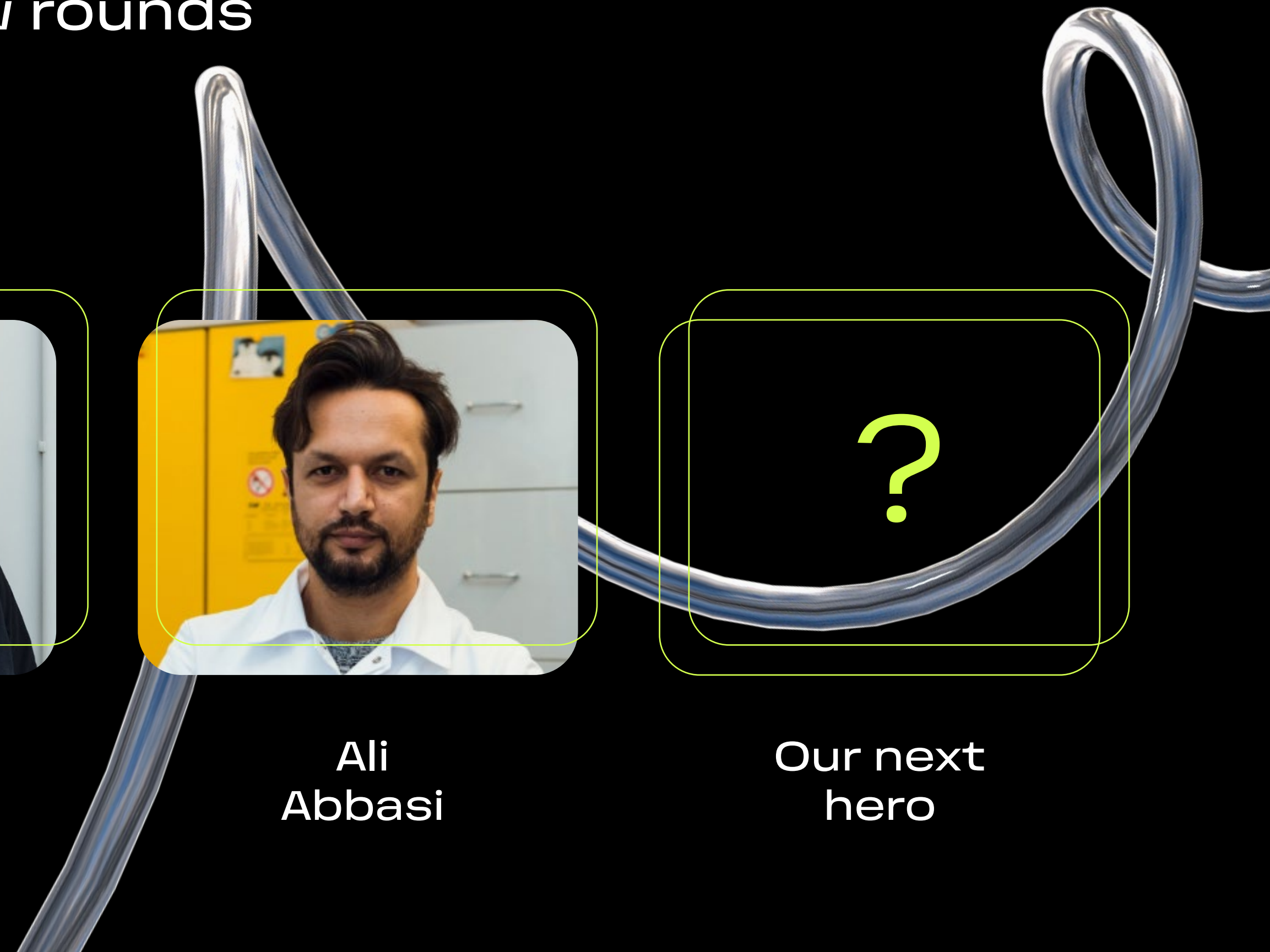
Alisa
Chaykovskaia



Ali
Abbasi



Our next
hero



INTERNATIONAL OPPORTUNITIES: INCOMING AND OUTGOING ACADEMIC MOBILITY

- Internships
- Conferences
- Summer schools
- Semester exchange
- International educational programs
- Buddy System

45+

partner universities



6%

of all students participate in outgoing academic mobility programs

21%

share of international students in 2023

ITMO UNIVERSITY IN NATIONAL PROJECTS

Advanced Engineering School

Provides training for unique specialists of a new kind (principal engineers) who possess the competencies needed to accelerate the transfer of new digital tech into the real economy.



Technology Transfer Center

Creates and introduces effective mechanisms for the commercialization of IP and support of nation-wide technology transfer initiatives.

Gazprom-ITMO industrial center

Implements full-cycle innovative projects that correspond to global trends and aim to achieve technological sovereignty in the oil-and-gas sector.



priority2030[^]

leaders are made, not born

ITMO 2030 is an open-source university.

Startup studio

Transforms the university's student environment into a venue for the practical training of future entrepreneurs and development of new startups.

ITMO UNIVERSITY IN NATIONAL PROJECTS

Research Center "Strong AI in Industry"

Works on full-cycle development of a range of applied systems based on strong AI elements – all for the use in conceptual engineering and industrial facility management.



National Center for Quantum Internet

Develops and operates Quantum Communications Platform – a digital hardware-software platform solution seen in action as part of the Moscow - St. Petersburg "quantum highway".



National Center for Cognitive Research

Main goal: to develop a domestic ecosystem for the creation and integration of machine learning and cognitive technologies in the establishment of high-tech products and services.



ITMO STARTUP STUDIO

Here, we help young entrepreneurs make their ideas a reality by providing all the necessary resources, expertise, and connections.

Our goal is to create high-tech businesses that develop much-needed products.

187 million

rubles in investments were raised for our startup funnel projects in 2023

Priority industries:

biotechnologies

optics and photonics

foodtech

life science

AI / ML

IT services

OUR SERVICES

For industrial partners:

- Creation of assets and intellectual properties that can create new revenue sources for the company;
- Access to top-tier market specialists (proof of ITMO students' high level of training);
- Access to cutting-edge research infrastructure (showcasing ITMO's lab and research equipment pool);
- Co-investment into tech businesses;
- Flexibility in external development and management of new products.

For investors

- Startup funnel for tech projects at varying stages of development and technological readiness;
- Technological due diligence;
- Syndication of investment deals.

OUR PARTNERS

Kontur



AIM



ЦПС



НЕТОЛОГИЯ

IMPACT CENTER

Our hub combines four major spheres of activity (science, education, business, and investment) with the help of a unique community made up of professionals and industry leaders.

ADVANTAGES:

- Cutting-edge educational programs implemented jointly with industrial partners;
- Managers and consultants with business experience;
- Tech scouts in 8 deep-tech fields;
- Dedicated legal entity for collaboration with corporate clients.

FIELDS OF WORK:

- ITMO's Faculty of Technological Management and Innovations – education;
- Startup studio – startup creation and fundraising;
- Center for consulting and R&D – business;
- Research center – science.

OUR ACHIEVEMENTS

Winners of international contests: AI Journey Contest, Google Image Matching Challenge, Topcoder Open, and more.

We are the world's only seven-time ICPC champions!

ITMO's Advanced Engineering School is the leader of the AES federal project.

One of Russia's top 5 employers in science and education according to the job-hunting platform hh.ru (2023, 2024)

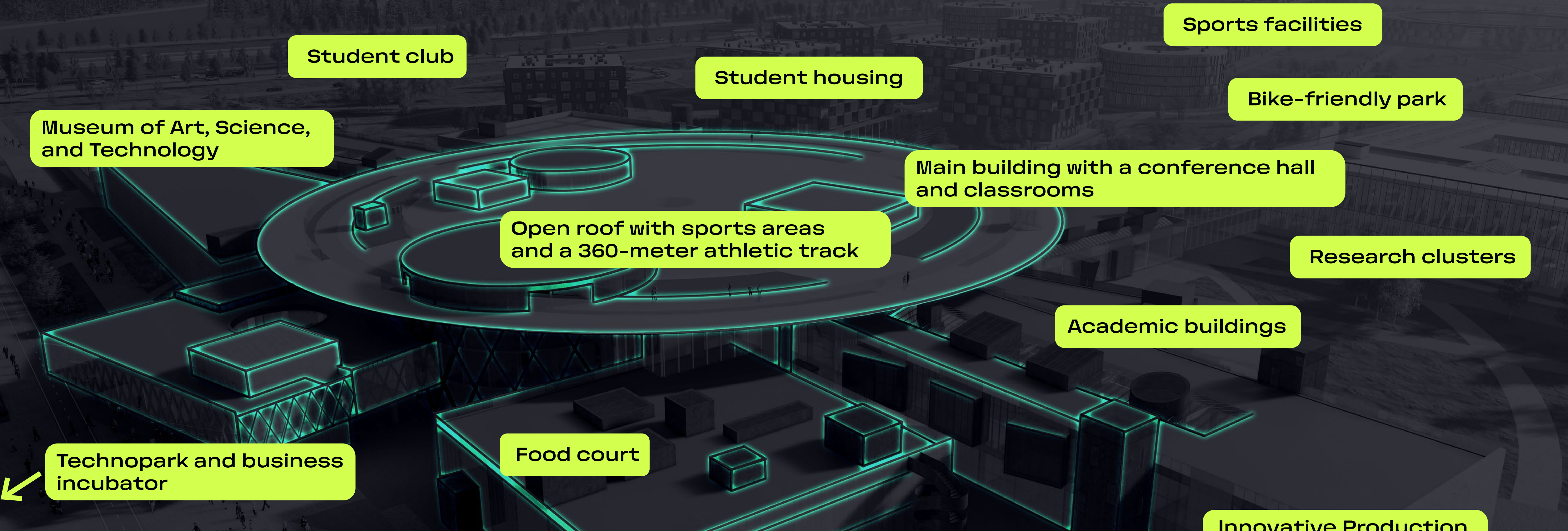
ITMO's student team won the gold at VolgaCTF 2023 and is one of the world's top 3 CTF teams

ITMO University – 2024's top participant of the national project Priority 2030



1995	- Azeri-L...
1996	- U of Cal...
1997	- Harvey M...
1998	- Charles U...
1999	- University...
2000	- St. Peter...
2001	- St. Peter...
2002	- Shanghai J...
2003	- The University of Waikato
2004	- St. Petersburg University ITMO
2005	- Shanghai Jiaotong University
2006	- Saratov State University
2007	- The University of Waikato
2008	- St. Petersburg University ITMO

ITMO HIGHPARK



Student club

Student housing

Sports facilities

Bike-friendly park

Museum of Art, Science, and Technology

Main building with a conference hall and classrooms

Open roof with sports areas and a 360-meter athletic track

Research clusters

Academic buildings

Technopark and business incubator

Food court

Innovative Production Center

ITMO Highpark: target figures

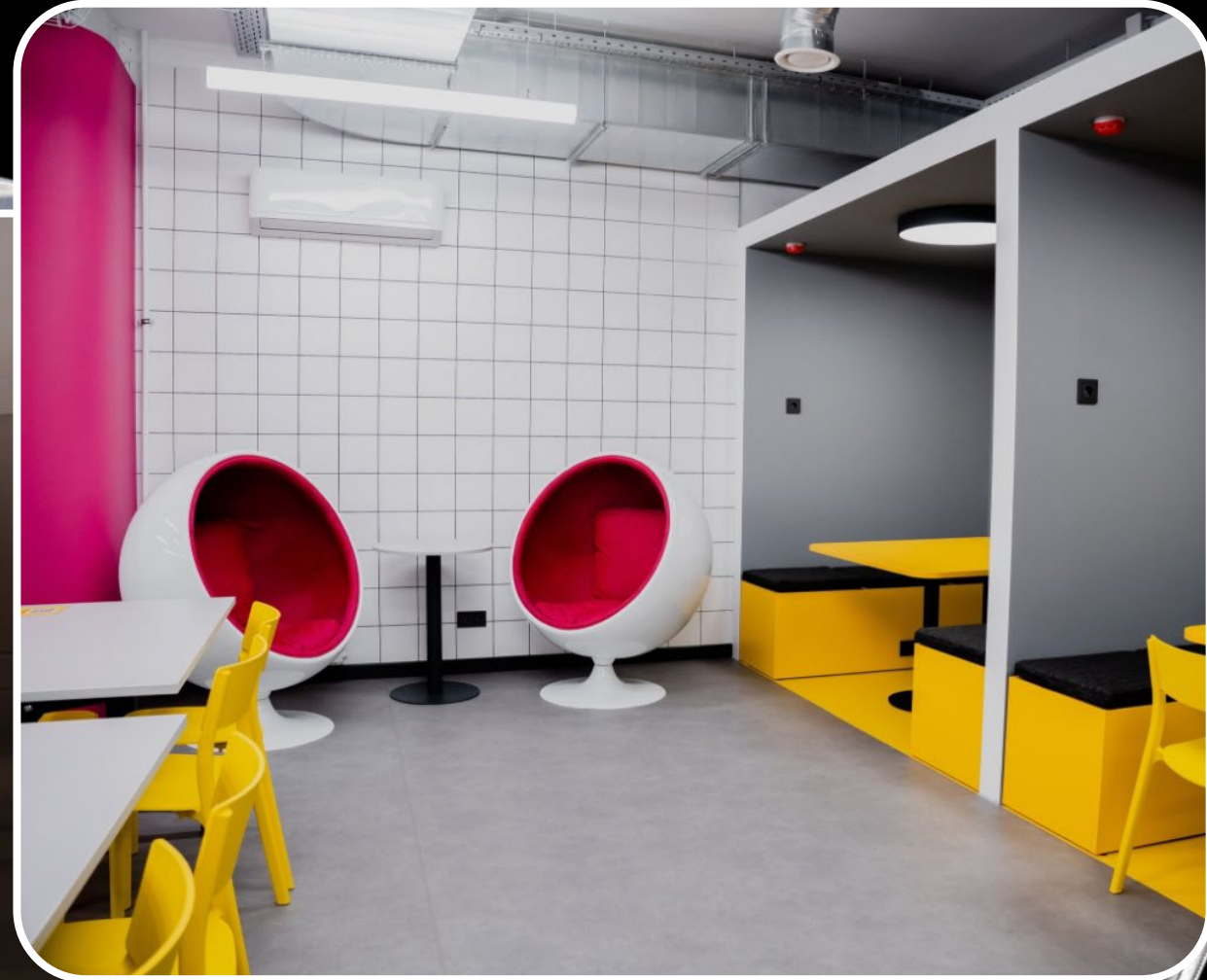
3,000	600	6,000	members of supporting and service staff
Master's students	PhD students	6,000	jobs for highly-qualified staff, including student employees members of supporting and service staff

ITMO FAMILY: AN ENVIRONMENT FOR GROWTH



Coworking spaces

24/7



Digital library



FREE!



Litres 

ITMO Family Day – a summertime open-air festival and graduation ceremony



ITMO FAMILY: AN ENVIRONMENT FOR GROWTH



The bi-annual bike ride with the Rector

Join us!

IT's *MO*re than a
UNIVERSITY

 itmo_uni  spbifmo  itmo_uni