

莫斯科通信与信息技术技术大学

Moscow Technical University of Communications and Informatics

今天的大学
The university today

1921

成立年份
Foundation year

13 000+

学生
Students

500+

来自50个国家的留学生
International students from 50 countries

2

个分支-莫斯科、下诺夫哥罗德和顿河畔罗斯托夫
Branches in Nizhniy Novgorod and Rostov-on-Don

1

职业学校
Vocational school

大学一目了然
University at a Glance

40
个讲坛
Departments

5
个学院
Faculties

8
个先进技术中心
Centers of advanced technologies

自己的超级计算机
Supercomputer

3
个全日制和函授教育中心
Centers of part-time and correspondence forms of education

2
个控制论试验场
Cyber Ranges

高级培训学院
Institute of Professional Development

科学研究中心
Research part

信息技术
Information Technology



培训领域 /Enlarged training groups:

计算机和信息科学 / Computer and Information Science
和计算机工程学 / Informatics and Computer Engineering

关键能力 / Core competencies:

编程和软件开发能力
Programming and software development skills

人工智能和机器学习
Artificial Intelligence and Machine Learning

信息流程和系统的优化
Optimization of information processes and systems

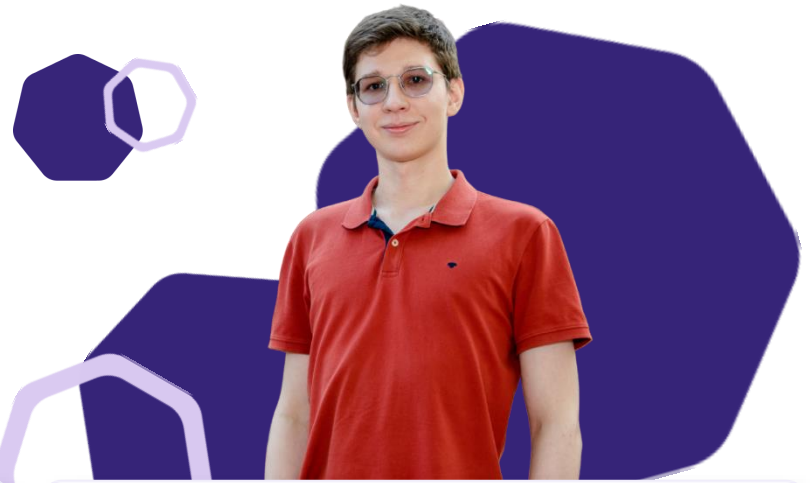


无人驾驶航空器领域的发展
Developments in the field of UAVs



智能控制系统的开发
Development of Intelligent Control System

网络技术与信息安全
Cybernetics and Information Security



培训领域 /Enlarged training groups:

数学和力学 / Mathematics and Mechanics
信息安全 / Information Security
机械工程 / Mechanical Engineering
技术系统管理 / Technology System Management

关键能力 / Core competencies:

加密分析和信息安全
Cryptanalysis and Information Protection

工业机器人的编程和适配
Programming and Adaptation of Industrial Robots

漏洞测试和防御网络攻击
Vulnerability testing and protection against cyberattacks



MTUCI 机器人研究中心
MTUCI Robotics Research Cente



网络范围
Cyber Range

广播和电视
Radio & Television



培训领域 /Enlarged training groups:

电子、无线电工程和通信系统 /
Electronics, Radio Engineering and Communication Systems

关键能力 / Core competencies:

在电视台演播室工作
Work in a TV studio

卫星技术、5G/6G 通信系统
Satellite technology, 5G/6G communication systems

开发和设计无线系统
Development and design of wireless systems



微处理器系统实验室
R&D Department



小型人造卫星
Small Spacecraft

通信网络和系统
Networks and communication systems



培训领域 /Enlarged training groups

电子、无线电工程和通信系统 /
Electronics, Radio Engineering and Communication Systems

关键能力 / Core competencies:

光纤和量子网络
Fiber Optics and Quantum Networks

保护信息系统
Protection of Information Systems

网络软件
Network Software



鲁班工坊
Luban Workshop - the first Russian-Chinese training center in the Russia foro the training of modern digital experts for 5G



俄罗斯联邦首个开放式大学量子网络工作室
The first open-access ecosystem interuniversity quantum network in the Russian Federation

数字经济与大众传媒
Digital Economy and Mass Communications



培训领域 /Enlarged training groups:

经济和管理 / Economics and Management
大众媒体、信息和图书馆管理 / Mass Media, Information and Librarianship

关键能力 / Core competencies:

IT 企业和初创企业
IT business and startups

创新管理
Innovation Management

数字经济与商业
Digital Economy and Business



奥林匹克竞赛“迈向数字经济的一步”
Olympiad "Step towards the Digital Economy"



算法研发
Algorithm Development

MTUCI 国际部

舒适的住宿环境
Comfortable accommodation

学习俄语
Studying in Russian

学生安全
Student safety

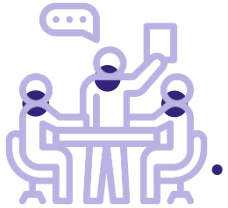
经济实惠的费用
Affordable costs

预科学习部
Preparatory department

科研能力
Research capabilities

500+ **留学生**
International students

俄罗斯技术教育的发展
Development of technical education in Russia



苏联

- 高等教育是生产-科学-教育三合会的一部分
- 大学是高素质、全面发展专业人才培训体系的顶峰
- 800所大学和学院
- 毕业生获得专业地位
- 5年制高等教育
- 免费高等教育



1990年代

- 商业教育的出现
- 废除三年内从事专业工作的强制性分配制度
- 毕业生不再获得工作
- 高等教育声望下降

USSR

- Higher education is part of the “production-science-education” triad
- The university is the top of the high quality and comprehensive development of the professional training system
- 800 universities and colleges
- Graduates attain professional status
- 5-year higher education
- Free higher education

1990th

- The Emergence of Commercial Education
- Abolition of the mandatory distribution system for professional work within three years
- Graduates no longer get jobs
- Declining prestige in higher education

俄罗斯技术教育的发展
Development of technical education in Russia



2003 г. – 2022 г.

- 通过 "俄罗斯联邦教育 "联邦法
- 加入巴隆高等教育体系
- 国际合作：交换学生、承认学历等
- 教育质量下降的趋势已引起人们的注意



现在

- 2022 年 4 月 11 日 退出博洛尼亚体系--高等教育结构调整
- 增加专业课程
- 高等基础教育

2003 г. – 2022 г.

- Adoption of the Federal Act "On education in the Russian Federation"
- Accession to the Ballon Higher Education System
- International cooperation: exchange of students, recognition of qualifications, etc.
- The decline in the quality of education has attracted attention

NOW

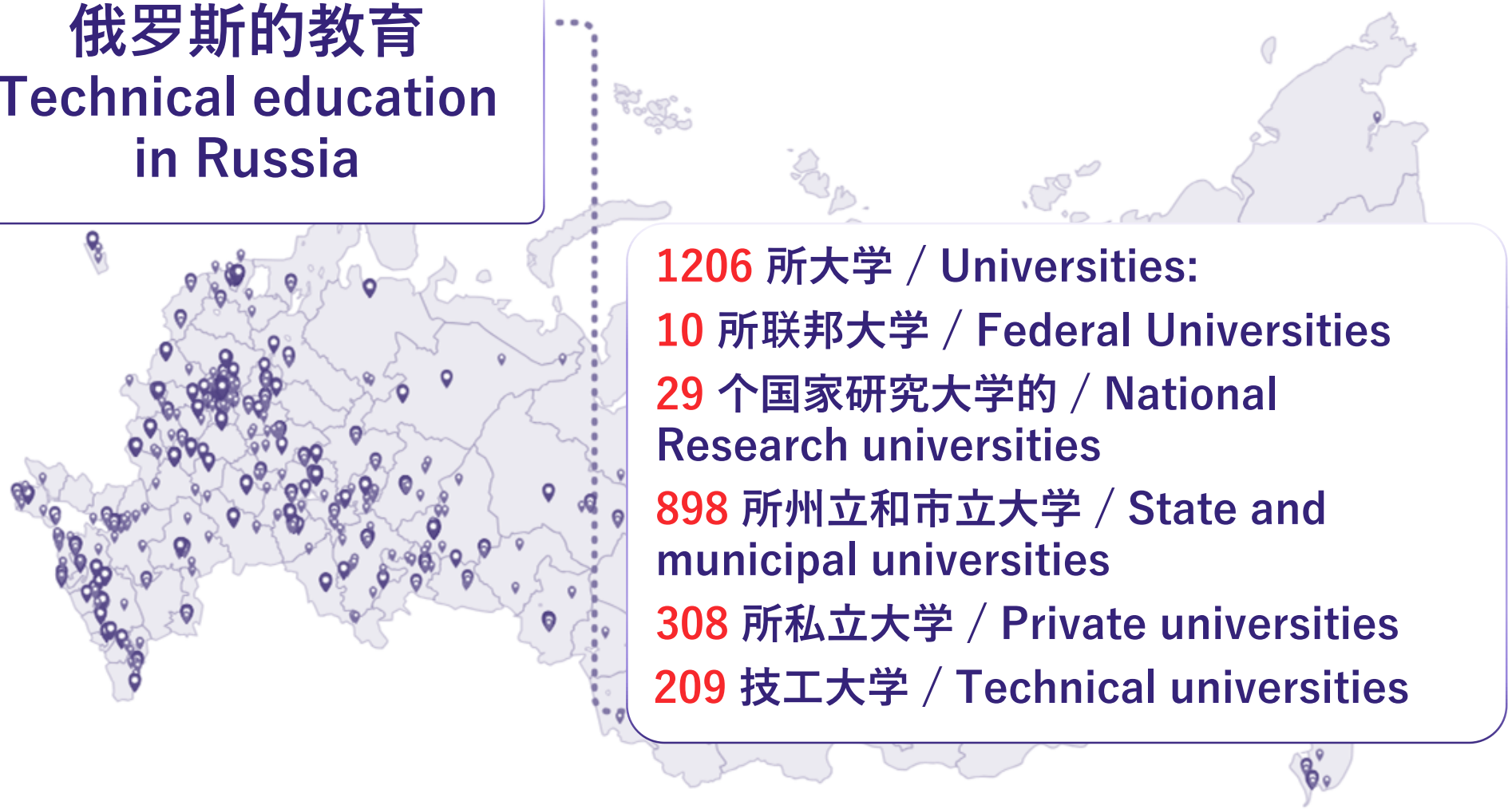
- April 11, 2022 Exit from the Bologna System - Restructuring of Higher Education
- Increasing Professional Programs
- Higher Basic Education

技术教育发展的当前趋势
Modern trends in the development of technical education

- 混合学习
  Hybrid learning
- 学习与实践共同进行
  Combining study with practice
- 不间断学习
  Continuous training
- 数字化学习
  Digitalization
- 开设网上教育
  Mass open online courses
- 娱乐化学习
  Gamification
- AR与VR技术
  AR&VR TechnologiesDesign Work
- 项目化学习
  Design project work

俄罗斯技术大学
Technical Universities of Russia

俄罗斯的教育
Technical education in Russia



1206 所大学 / Universities:

10 所联邦大学 / Federal Universities

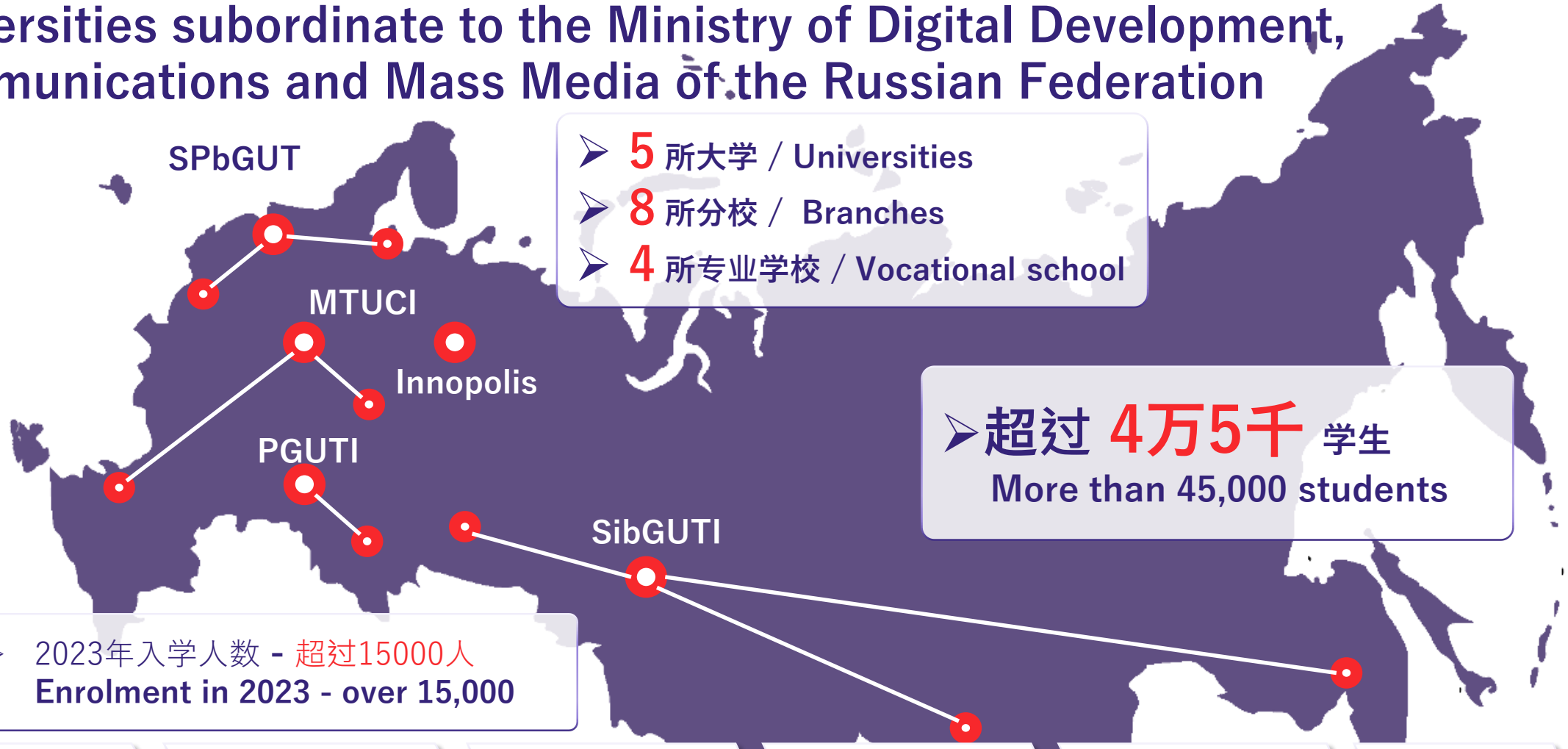
29 个国家研究大学的 / National Research universities

898 所州立和市立大学 / State and municipal universities

308 所私立大学 / Private universities

209 技工大学 / Technical universities

俄罗斯联邦数字发展、通信和大众传播部下属的大学
Universities subordinate to the Ministry of Digital Development, Communications and Mass Media of the Russian Federation



- 5 所大学 / Universities
- 8 所分校 / Branches
- 4 所专业学校 / Vocational school

- 超过 4万5千 学生
  More than 45,000 students

- 2023年入学人数 - 超过15000人
  Enrolment in 2023 - over 15,000

中等职业教育 Secondary Vocational Education → 学士 The Bachelor → 专家 The Specialist → 硕士 The Master → 研究生 The Graduate student → 额外教育 Additional Education

教育等级和方式
Educational programs

所有的教育等级
All levels of vocational education

学士
Bachelor

专家
Specialist Degree

研究生
Master's degree

硕士
Postgraduate study

基础教育
Secondary professional education

额外教育
Connotation Professional education

针对成年人和孩童的额外教育
Connotationeducation For children and adults

所有的教育方式
All educational forms

全日制
Full-time

非全日制
Correspondence

全日制和非全日制混合学习
Part-time

远程学习
Distant

未来发展方向
Directions of development



特有的教育体制 = 学士学位+专家学位+研究生学位
Unique Education System = Undergraduate + Specialty + Master's Degree



增加大量专业专家
Significant increase in the number of specialty programs



增加新的专业
Emergence of new directions



研究生教育改革
Reform of the magistracy



免费申请研究生的可能性
Possibility of free admission to the magistracy

МТУСИ

感谢观看

Thank you for your attention