



Ulyanovsk State
Technical University



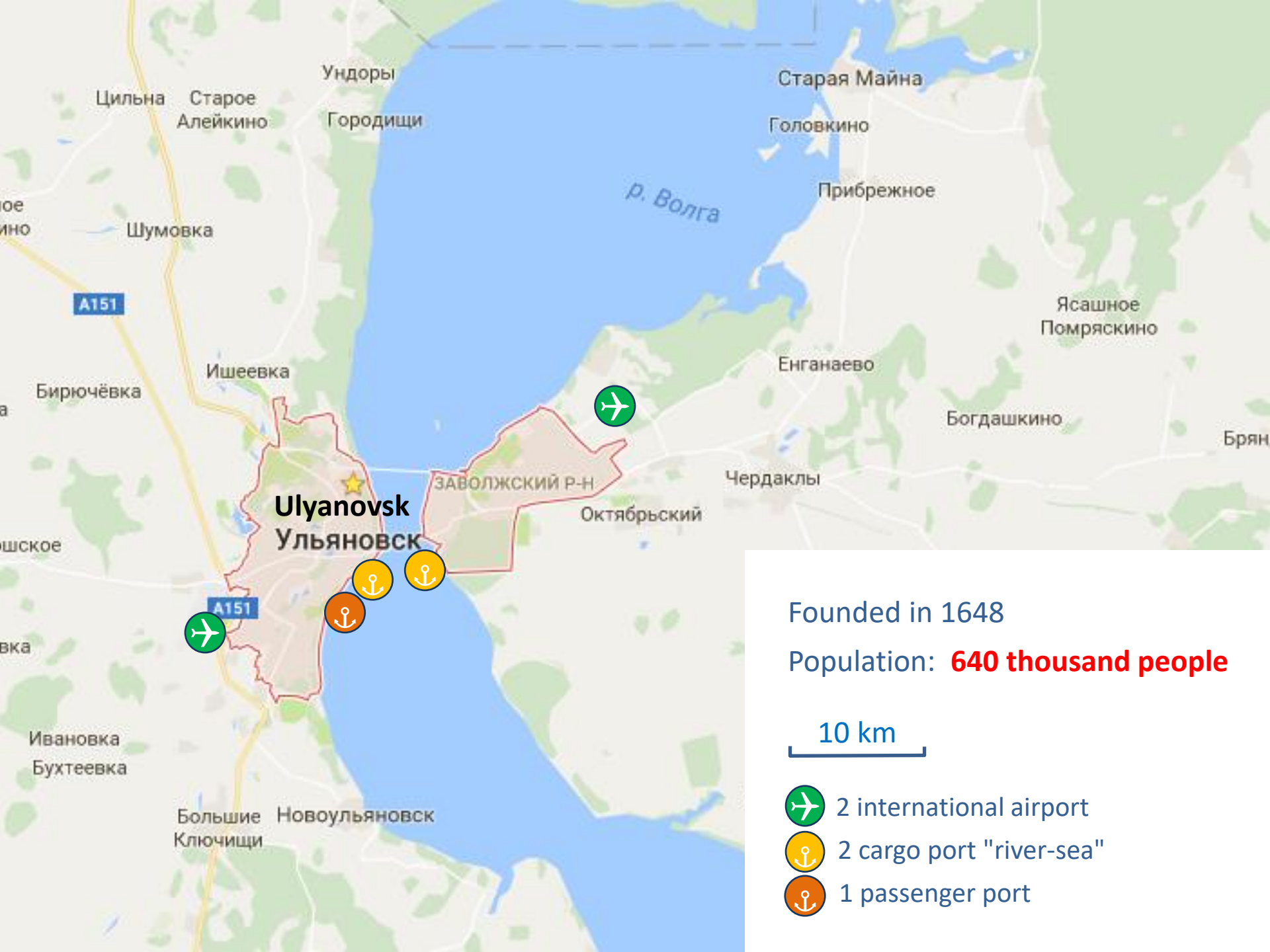
Ulyanovsk region

The Ulyanovsk region is situated in the south-east of the European part of Russia, in the center of Privolzhsky Federal District.

Distance to other cities:

- ❖ Kazan 210 km (130 mi)
- ❖ Samara 260 km (161 mi)
- ❖ Nizhny Novgorod 440 km (273 mi)
- ❖ Moscow 875 km (543 mi)
- ❖ St. Petersburg 1 575 km (978 mi)





Founded in 1648

Population: **640 thousand people**

10 km

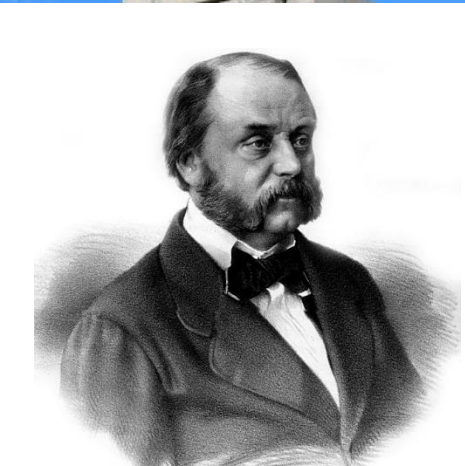
 2 international airport

 2 cargo port "river-sea"

 1 passenger port



The River Volga and old bridge in Ulyanovsk





Produced in Ulyanovsk





Ulyanovsk State Technical University

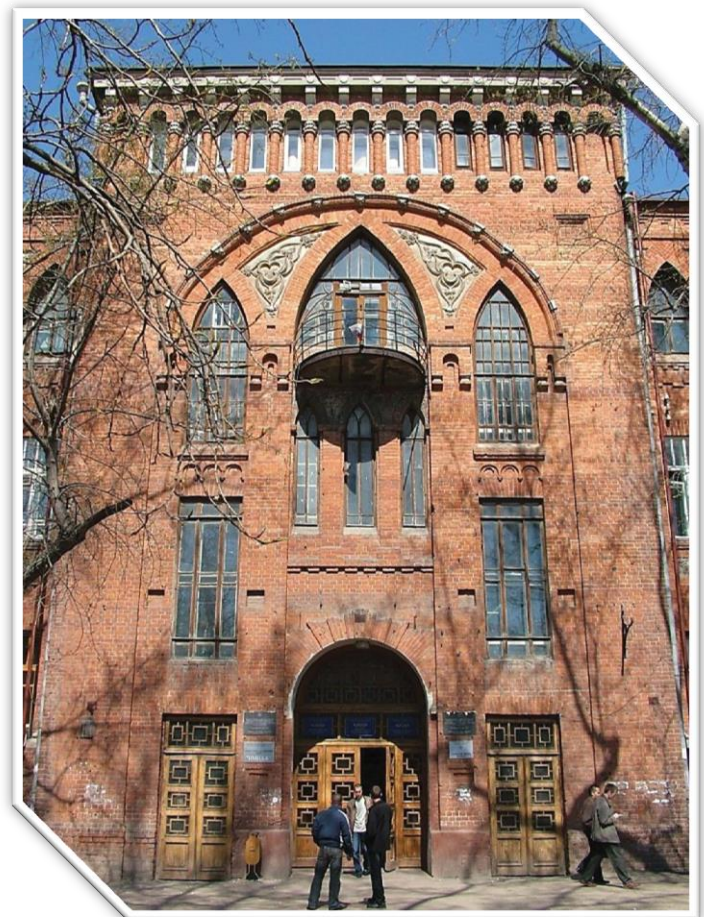
- ❖ Established in **1957**
- ❖ More than **10 000** students
- ❖ More than **500** tutors
- ❖ **8** faculties
- ❖ **2** institutions
- ❖ **53** departments
- ❖ More than **90** buildings





Ulyanovsk State Technical University

- ❖ **40** Bachelor's programs
- ❖ **31** Master's programs
- ❖ **5** Specialist's program
- ❖ **23** postgraduate programs
- ❖ **6** doctorate programs
- ❖ **1** dissertation committee
- ❖ **2000** scientific papers annually





Faculties

Mechanical Engineering

Radio Engineering

Civil Engineering

Information Systems
and Technologies

Power Engineering

Economics
and Mathematics

Humanities

Extramural Faculty



Institute of Aviation Technologies and Management

Faculties:

- ❖ Aircraft manufacturing
- ❖ Professional and In-service Training





Institutes

Institute of Distance
and Additional Training



<http://www.ido.ulstu.ru>





Educational units

Barysh College

College of Economics
and Informatics

City Lyceum of UISTU

Small Academy of Public
Administration

FIST Centre for Open
Education

Higher School of
Management

Centre for Business
Education

Other
divisions



Bachelor Programs:

- ❖ Design and technology of construction machinery industry
- ❖ Mechanical engineering
- ❖ Technology of transport processes
- ❖ Materials science and metal technology





Specialist Programs:

- ❖ Ground transportation and technological complexes
- ❖ Operation of transport and technological machines and complexes

Master Programs:

- ❖ Design technology of machine-building industries





Bachelor Programs:

- ❖ Design and technology of electronic devices
- ❖ Infocommunication technologies and communication systems
- ❖ Radio engineering

Specialist Programs:

- ❖ Radioelectronic systems and complexes





Master Programs:

- ❖ Design and technology of electronic devices
- ❖ Infocommunication technologies and communication systems
- ❖ Radio engineering





Bachelor and Master Programs:

- ❖ Heat and thermodynamics
- ❖ Electricity and electrical engineering
- ❖ Environmental security





Oil and Gas Engineering

New Bachelor and Master program at USTU started in 2015-2016 academic year.

Specialization:

«Oil and gas storage and transportation objects' operation and maintenance»





Bachelor Programs:

- ❖ Architecture
- ❖ Construction
 - Industrial and civil building
 - Heat, gas supply and ventilation

Master Programs:

- ❖ Construction
 - Industrial and civil building
 - Heat, gas supply and ventilation
- ❖ Design of architecture space





Bachelor Programs:

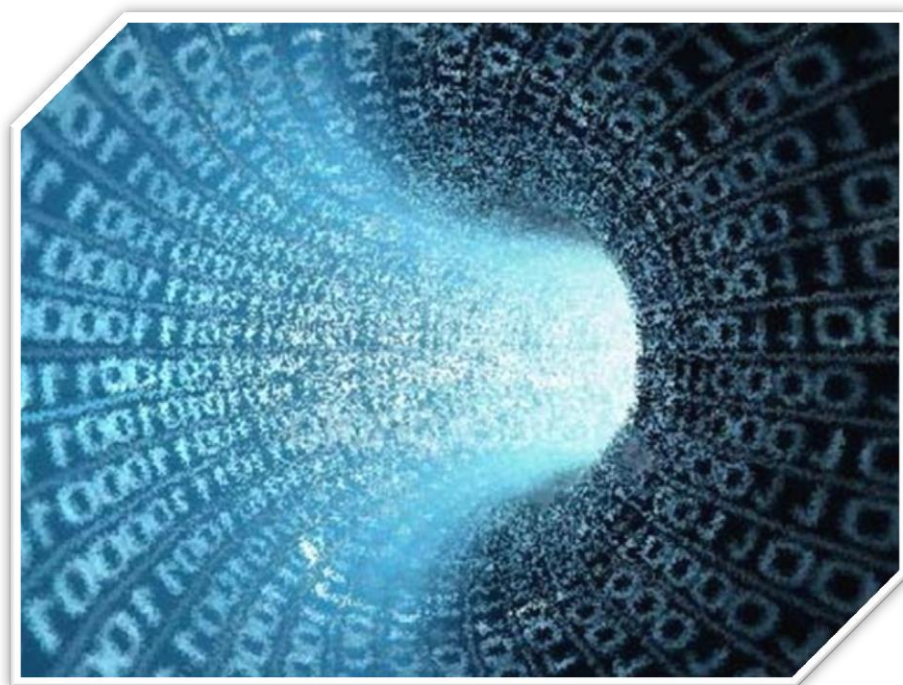
- ❖ Informatics and computer engineering
- ❖ Information systems and technologies
- ❖ Applied informatics
- ❖ Applied mathematics
- ❖ Software engineering
- ❖ Instrumentation technology





Master Programs:

- ❖ Informatics and computer engineering
- ❖ Information and communication systems and technologies
- ❖ Design and technology of electronic devices
- ❖ Applied informatics
- ❖ Applied mathematics
- ❖ Software engineering





Institute of Aviation Technologies and Management

Bachelor Programs:

- ❖ Aircraft construction
- ❖ Information systems and technologies
- ❖ Economics
- ❖ Management

Specialist Programs:

- ❖ Aircraft and Helicopter construction





Economics and Mathematics

Bachelor Programs:

- ❖ State and municipal management
- ❖ Innovation theory
- ❖ Management
- ❖ Systemic analysis and management
- ❖ Commercial business
- ❖ Quality management
- ❖ Personnel management
- ❖ Economics





Master Programs:

- ❖ Management
- ❖ State and municipal management
- ❖ Personnel management
- ❖ Organization and management of science absorbing industry
- ❖ Commercial business
- ❖ Quality management
- ❖ Personnel management
- ❖ Finance and credit
- ❖ Economics





Bachelor Programs and Master Programs:

- ❖ Linguistics
- ❖ Publishing and editing
- ❖ Advertising
and public relations





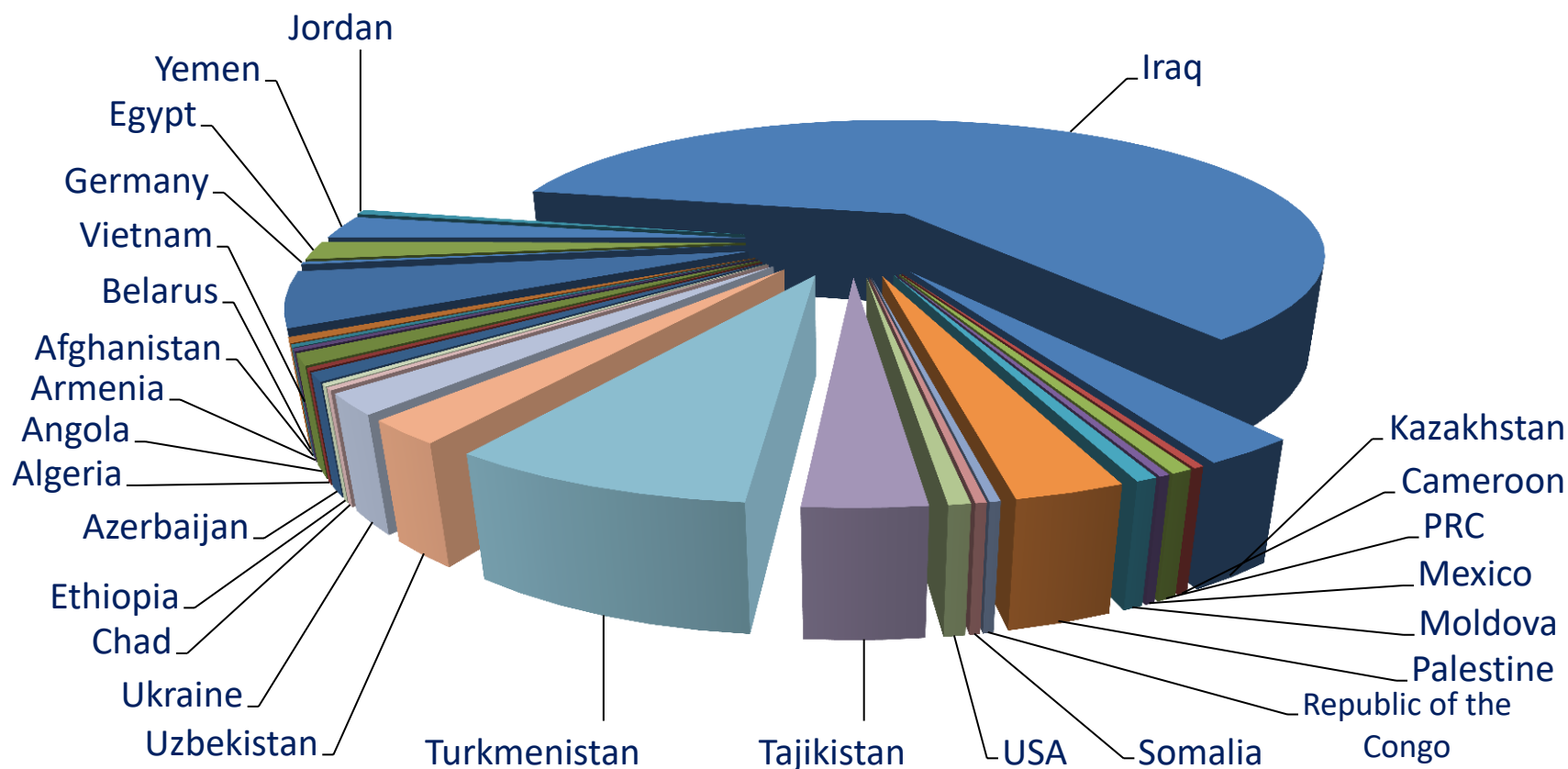
Organizational structure:

- ❖ Department of academic mobility and international educational programs
- ❖ Department of admission and assignment
- ❖ Department of foreign citizens educational process organization
- ❖ Preparatory department for foreign citizens
- ❖ Foreign Language Training Center
- ❖ Centre for Russian as a foreign language testing
- ❖ Centre for technologies transfer



International Activity

There are 385 foreign students from 28 countries in 2015/2016 academic year





Preparatory department for foreign citizens

Educational programs:

- ❖ Russian as a foreign language course (elementary level, basic level, first certificate level, second certificate level)
- ❖ Russian as a foreign language traineeship for students from foreign universities (continuing professional education)
- ❖ Preparatory course for foreign citizens (technical direction), including study of Russian language, Physics, Chemistry, Mathematics, Informatics, Engineering graphics, Russian history and physical training
- ❖ Preparatory course for foreign students without senior secondary education



International Summer School

Educational programs in Summer 2017:

- ❖ *«Earth Through the Cockpit»
(modern aviation devices
and information technologies)*
- ❖ *Educational Robotics*
- ❖ *Theory and Practice of Programming*
- ❖ *From Simbirsk to Ulyanovsk
(Intensive Russian)*



Scholarships and reductions for partner universities' students!

<http://summer-schools.ulstu.ru/>

For more information: mobility@ulstu.ru



Scientific and administration staff of the University have professional trainings in the leading companies:

- **Technion-Israel Institute of Technology**, Tel Aviv University, Weizmann Institute of Science, The Hebrew University of Jerusalem, L.N. Green Technological Incubator, Omer Industrial Park, SanDisc Corporation IT Equipment Manufacture, SanDisc Corporation IT Research Center, “Ramat Hovav” Industrial Park, ScanMaster Systems (IRT) Ltd., Ben-Gurion University, **Columbia University**, University of California Los Angeles, California NanoSystems Institute, Golden Gate University, **Stanford University**, Bio-X/James H. Clark Center, University of California (Berkeley), **Google Inc.**, Plug&Play Tech Center, NYU-Poly, **Princeton University**, City University of New York, New York City Economic Development Corporation, OSEO-innovation, Innovalis Aquitaine, Chambre Regionale de Commerce et d’Industrie Midi-Pyrenees, **Catholic University of Leuven** and others.



Scientific research activities

- Nanosystem industry;
- Information and telecommunication systems;
- Conservancy;
- Transport and space systems;
- Energy efficiency, energy saving.



Intellectual Property

UISTU has **4984** * titles of protection on intellectual property results including:

- ❖ **3653** on inventions
- ❖ **739** on useful models
- ❖ **6** on industrial designs
- ❖ **567** on computer programs
- ❖ **17** on data bases
- ❖ **2** trademarks

* As of January 1, 2016



UISTU is a base area of the Federal Institute of Industrial Property in Ulyanovsk region



Projects implemented in USTU in the framework of European programs

- ❖ **2003 – 2004** - RUSERA FP6-502262
- ❖ **2004 – 2008** - RUSERA-EXE FP6-0043701
- ❖ **2011 – 2013** - Project «Distribution system for ultrasonic nondestructive testing» (EU FP7 ERA.NET RUS)
- ❖ **2008 – 2015** - Gate2RuBIN, project of participating Russian organizations of business-innovational infrastructure in European net for enterprise support (Enterprise Europe Network, EEN)
- ❖ **2013 – 2016** - Project «Based on European qualifications framework professional ICT-education for Russian Federation and Kazakhstan» («EQF-based professional ICT training for Russia and Kazakhstan») under the program Tempus
(1 million euro budget)



Full-time Programs in English

In 2016 /2017 academic year UlSTU starts new program
in English:

- ❖ Bachelor's Degree Program: **Oil and Gas Engineering**, Oil and Gas Engineering, profile "Exploitation and maintenance of oil, gas and processing products objects' transportation and storing", 4 years.

In 2017 /2018 academic year UlSTU starts new program
in English:

- ❖ Master's Degree Program: **Intellectual Systems**, specialization 09.04.02 «Information Systems and Technologies», 2 years



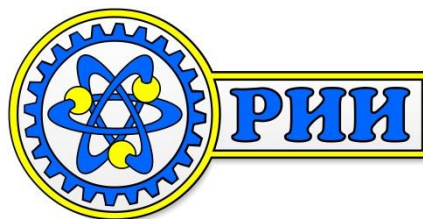
Зарубежные университеты-партнеры



China, 2016



Kazakhstan, 2016



Kazakhstan, 2016



China, 2015



Kazakhstan, 2015



Brazil, 2013



China, 2013



UNIVERSIDADE ESTADUAL PAULISTA
"JÚLIO DE MESQUITA FILHO"

Brazil, 2012



Зарубежные университеты-партнеры



FH MAINZ
UNIVERSITY OF
APPLIED SCIENCES

Germany, 2012



TECHNISCHE
UNIVERSITÄT
ILMENAU

Germany, 2012



FACHHOCHSCHULE
NORDHAUSEN

University of Applied Sciences

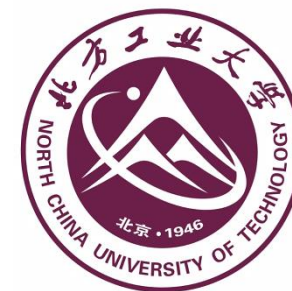
Germany, 2012



Germany, 2012



China, 2012



China, 2012



Germany, 2010



Kazakhstan, 2009



Foreign partner universities



Czech Republic, 2008



Lithuania, 2007



Republic
of Belarus, 2007



Ukraine, 2004



Institute of Physical
Chemistry of the
Polish Academy of
Sciences
Poland, 2005



Ukraine National
Technical University
"Kiev Polytechnical
University"
Ukraine, 2005



Republic
of Belarus, 2004



Germany, 1997



Durham
University

UK, 1995



Thank you!

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