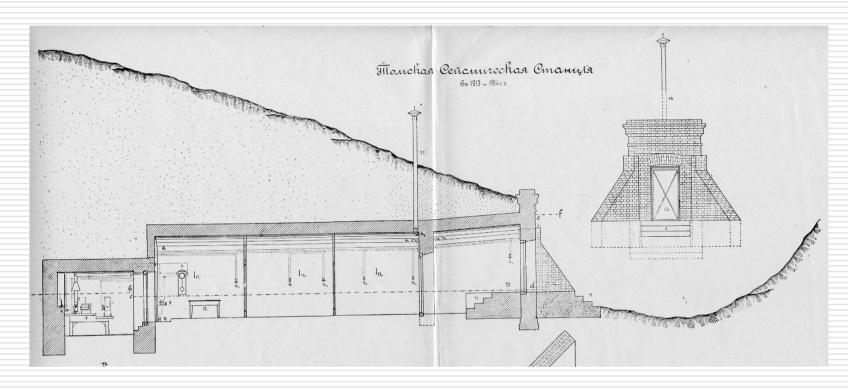


Tomsk State University, founded May 28, 1878 by a decree of Emperor Alexander II as an Imperial university in Tomsk, became the first, and for a long time remained the only, institution of higher education in the vast territory from the Urals to the Pacific.





In 1911-1912 a seismograph station for the measurement of the earth's deformation influenced by gravitation of the moon and the earth was constructed in Tomsk as the center of the Euro-Asian continent. The station was built in the Botanical Gardens of Imperial Tomsk University.



National Research

Tomsk State University

Fact

TSU professor Gordey
Iosifov developed the
method of mummy
production which was
used when Lenin's
body was embalmed.

Fact

In 1912-1914 TSU professor Boris
Vainberg created the first in the world operating unit of an electrical railroad on a magnetic pad.



Boris Vainberg



Fact

In 1925 TSU graduate and university professor Aleksandr Sapozhnikov (1899-1980) organized the first tests of wire broadcasting through the Tomsk telephone network.

Aleksandr Sapozhnikov Fact

In 1902 TSU Physiology Department professor Aleksey Kulyabko was the first in the world to "reanimate" a child's heart after 20 hours of death from inflammation of lungs.



Aleksey Kulyabko

Tomsk State University has become one of the TOP 15 Russian leading universities that receive the state's support for entering the world TOP 100 university rankings.



In 2014, according to the federal Internet edition of "Country's Capital", TSU entered the TOP 10 theoretical and practical rating of universities' effectiveness (the 9th place).



TSU took 47th place in the world university rating of BRICS countries held by QS (the 6th place among Russian institutions of higher education).



TSU is in 10th place among Russian institutions of higher education in the Webometrics university rankings.

Tomsk State University today





departments and institutes, 150 subdepartments

38 ce ai

centres of pre-university training and career counseling in Siberia and Kazakhstan 135 specialties and subject areas

165
Master's degree programmes

17,000

students

650

postgraduate and postdoctoral students



The Nobel prizewinners Terry
Callaghan (front row, second left)
and Zhores Alferov are members
of International Academic
council.



Nobel Prize Winner, TSU Honorary Doctor Zhores I. Alferov





Harry V. Minkh,
Plenipotentiary of the
President of the Russian
Federation at the State
Duma of the Federal
Assembly of the Russian
Federation, is the Chairman
of the Supervisory Board.



National Research

Tomsk State University

Fact

The TSU International Research Station "Aktru" has been working for more than 50 years. In 2011 the station, the only university-based one in Russia, entered INTERACT, the international network of field stations studying terrestrial ecosystems. In 2014 Minister Dmitry Livanov visited Aktru with an expedition. The expedition was dedicated to the date of the centenary of the first climb to the highest point of Altay – the mountain Belukha. This climb was done on July 26, 1914, by prospective professors, TSU scientists Michael Tronov and Boris Tronov.



Minister
Dmitry Livanov,
Rector of the TSU
Eduard
Galazhinsky





centres of excellence

scientific research institutes

centres for collective use of unique equipment

35

small innovative enterprises

scientific and educational centres

64

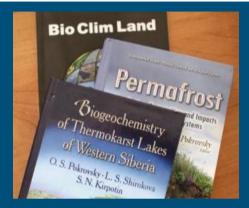
leading research schools

world-class laboratories, where more than 100 foreign scientists work

110 117.111

National Research

Tomsk State University



In 2013 TSU staff members published 453 articles in journals included in the Scopus or Web of Science databases and 43 monographs abroad.

Fact

TSU physicists are the only scientific team which represents Russia in the EU international space project ExoMet EU.



The staff of the Research and Education Centre "Fundamental and Mathematical Physics" is known as the most quoted in the world scientific press among all groups of Research and Educational Centres within the Federal Specific Programme "Specialists", with 93 scientific works in the Scopus or Web of Science databases, 2010-2012.



Priority areas of development

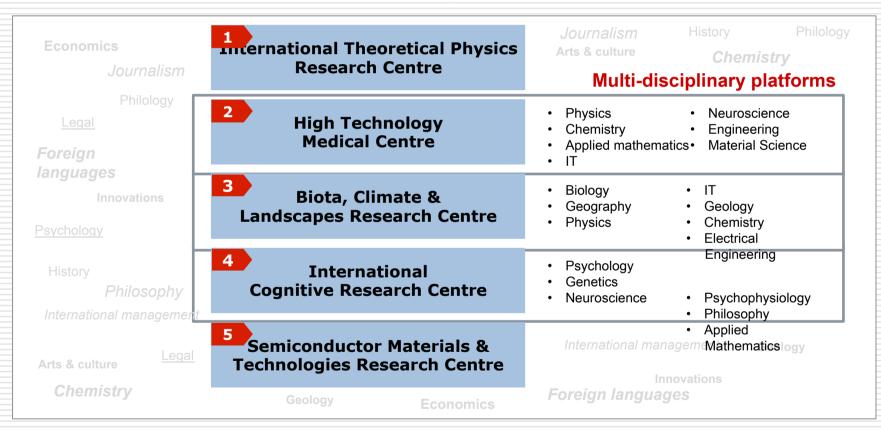




- Nano-technologies and materials
- Information and telecommunication and supercomputer technologies
- Environmental management and biological systems
- Design of advanced space, missile, and artillery systems
- Social and humanities-based knowledge and technologies in the modernization of the economy and the social sphere



To sustain competitiveness TSU focuses on five breakthrough research areas









Fact

33 Scientific and Educational Centers founded in partnership with industrial enterprises and academic institutes

- «Physics and electronics of compound semiconductor» (Scientific Research Institute of Semiconductors)
- «Sea information technology» (Concern «Morinformsistema-Agat», since 2014)
- «Identification: navigation, diagnostics, mechatronics »
 (Scientific Institute of Semiconductors, Moscow Institute of Heating Engineering, «Informational Satellite System Named for academic M.F. Reshetnev»)

In 1936 the ionospheric observation station was built under the direction of Vladimir Kessenikh. It was the first station in the USSR and the fifth in the world It is still operating but was completely renovated.



National Research

Tomsk State University





Fact

- Siberian Institute of Physics and Technology
- Scientific and Research Institute of Applied Mathematics and Mechanics
- Scientific and Research Institute of Biology and Biophysics
- Research Library
- Siberian Botanical Garden

Tomsk regional teleport

SKIF Cyberia Supercomputer

Innovation-based technological business-incubator

In 1963 the first Tomsk laser was developed at the Siberian Institute of Physics and Technology



National Research

Tomsk State University



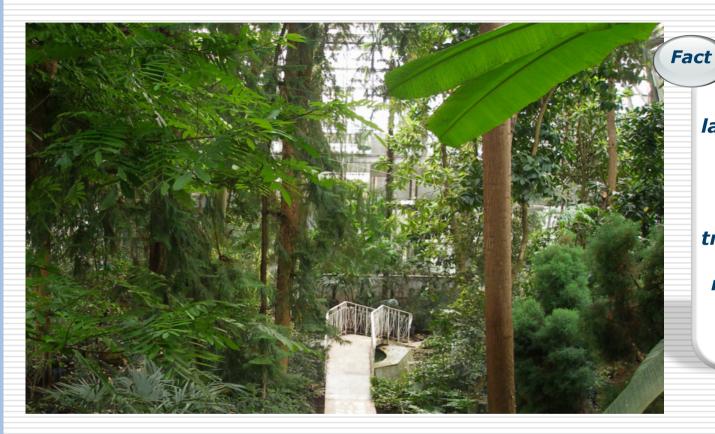
The TSU Research Library was founded in 1880 and originally consisted of numerous private collections donated to the university. It was opened to the public in 1888. It is now the largest university research library in Western Siberia and one of the largest nationally recognized libraries in Russia.

Facts

A tower of the Library's 3.8 million volumes would reach the official boundary of space – 100 kilometers

The unique private library of poet
Vasiliy Andreevich Zhukovskiy is in
Tomsk owing to the initiative of
Irkutsk businessman A.M. Sibiryakov,
who bought it at the poet's successor
in 1879 especially for the first
Siberian university.





The
biotechnology
laboratory of TSU
Botanical
Gardens
performs the
cloning of
tropical plants, in
particular the
most expensive
and subtle
flowers orchids.

The Siberian Botanical Gardens at TSU was founded in the summer of 1880. Then it occupied an area of 1.2 hectares. Currently its premises occupy 128 hectares and house a greenhouse complex (6500 square meters) and an experimental farm (114 hectares). A live plants exposition consists of more than 6,000 species.



International scientific and educational projects have developed, including cooperation agreements for the Double Master's Diploma with foreign universities

- ✓ Brussels Free University (Brussels)
- ✓ Feng Chia University (Taiwan)
- ✓ Science and Technology University Lille 1 (France)
- ✓ Shenyang Polytechnic University (People's Republic of China)
- ✓ Geneva Institute of Economic Science (Switzerland)
- ✓ Maastricht University (Netherlands)



The University has established strong relationships with leading Russian and world centers and universities



Contracts and agreements are signed:

- «Gazprom Space System»,
- «Informational Satellite System, Named for Academic M.F. Reshetney»
- «Russian Electronics»

Among TSU partners are:

- «Sberbank», Siberian branch
- «Russian Federal Nuclear Center» All-Russian Scientific Research Institute of Experimental Physics (Sarov),
- «Norilsk Nickel»



Over the past year delegations of universities from abroad, embassies, international funds, and and organizations have visited TSU, including:

- the Head of European Union's delegation in Russia, Ambassador Vygaudas Ušackas
- Ambassador of India in Russia Ajai Malhotra
- Ambassador of Poland in Moscow Wojciech Zajaczkowski
- Honorary Consul of Russia in Switzerland Frederik Paulsen
- Ex-prime minister of Slovakia Jan Charnogursky
- Member of the House of Commons of the British Parliament from the Conservative Party James Gray
- the Head of international advisory council QS MAPLE Cavin Dauning
- World-famous British traveler David Hempleman-Adams



The Head of European Union's delegation in Russia, Ambassador

Vygaudas Ušackas



The University is a coordinator of the Tempus programme uniting 13 Russian and foreign universities and organizations, 4 of which are based in the EU. Now TSU is working on 3 Tempus projects.





TSU is regularly the site chosen for significant international gatherings. In September 2014:

- DAYS OF ASIA AT TSU as part of 13th Plenary Meeting of Asian Cities
- XII International Conference "THE TRIPLE HELIX AND INNOVATION-BASED ECONOMIC GROWTH: NEW FRONTIERS AND SOLUTIONS"







TSU Sports Achievements

Members of national Olympic team among TSU students and staff are:

- Anton Golotsutskov (artistic gymnastics)
- Konstantin Plugnikov (artistic gymnastics)
- Catherine Stolyarova (mogul)

prize-winners of international and Russian competitions who set more than 30 world and European records. TSU sportsmen compete in 20 sports disciplines. In the past three years they won over 130 medals.

TSU's diving club "SKAT", which in 2014 celebrated its 55th anniversary, rose to international fame. There are 20 World Champions and 15 European Champions among club trainees.







Today TSU has one of the best theatre and concert complexes in the city, which hosts various performances and is the home to TSU arts groups.

- Academic Choir (founded in 1959)
 is a musical insignia of TSU and
 Tomsk and is winner of various
 national and international musical
 contests.
- Ensemble of Violinists (founded in 1979) is also a winner of national and international musical contests. The Ensemble gave rise to an instrumental trio and an instrumental duet.
- Drama and Comedy Theatre "In University Grove" and the Arts and Literature Theatre
- Big band (Jazz-band) "TSU-62"



