



IRKUTSK STATE UNIVERSITY



Irkutsk, 2018



ISU TODAY

the leading scientific and
educational institution in the
region

7 institutes and 10 faculties:

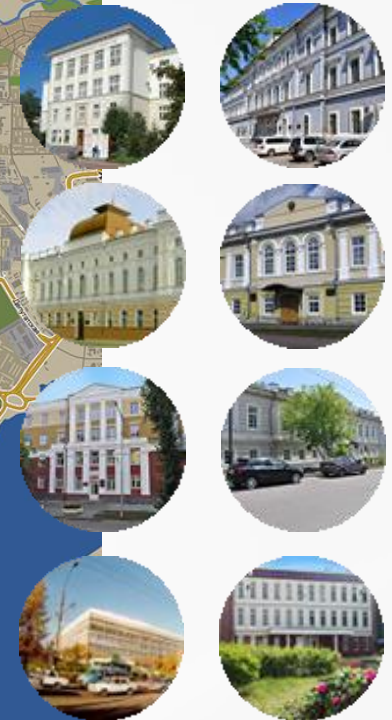
humanities, natural, technical
and applied sciences

over 14 000 students

53 PhD programs

3 research institutes

scientific journals



ISU TODAY

SCIENTIFIC LIBRARY

(since 1919, 3 millions of items);

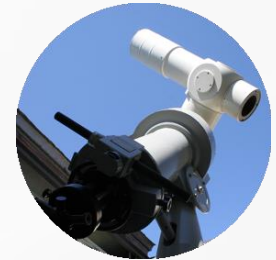
BOTANICAL GARDEN

(since 1940, the only one in the region);

NEUTRINO TELESCOPE

GAMMA-RAY OBSERVATORY TUNKA

ASTRONOMICAL OBSERVATORY (since 1931)



ISU IN RANKINGS



- The only university of the region listed in the top 200 QS University Rankings: **BRICS** and **EECA 2016/2017**
- National ranking-2016:
Ranged 36th in the nomination “Education”





CONNECTIVITY through developing international projects

- **Multi-vector approach** in developing international cooperation: educational and academic ties with European and Asian partners
- Over 100 cooperation agreements
- **13 Double Degree programs and joint programs with universities of China, the USA, Germany, France, Poland, South Korea, Japan and Australia**
- Research projects supported by foreign educational organizations and foundations





INTERNATIONAL SUMMER SCHOOL PROJECTS

- Education through science: connecting young scholars and professionals
- International Summer schools and conferences organized in partnership with
 - Kiel University (Germany),
 - University Savoie Mont Blanc (France),
 - Adam Mickiewicz University (Poland),
 - University Paris VIII (France),
 - Joint Institute for Nuclear Research (Dubna)





ISU and LOCAL COMMUNITY: focus on social cohesion

- ISU Centers for informal studies:
 - Centre for Chinese language «ISU Confucius Institute»;
 - Centre for Korean language;
 - Centre for Polish language;
 - UNESCO Chair in Water Resources

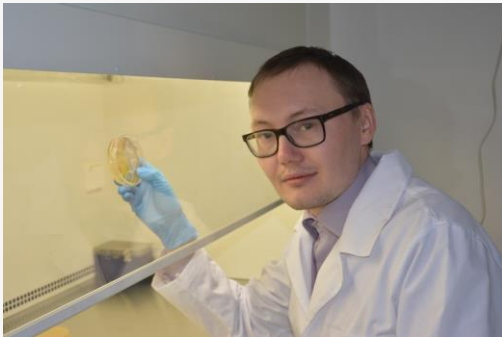
ISU's projects support

- the dialogue of cultures and social cohesion

ISU

- trains experts shaping regional economic and political agenda





RESEARCH

Developing research projects that advance

- Baikal Siberia's potential,
- innovative economy,
- environmental management



Among participants 170
research fellows and
over 700 lecturers.

Annually appr. 200 projects get
support from national and
international funds

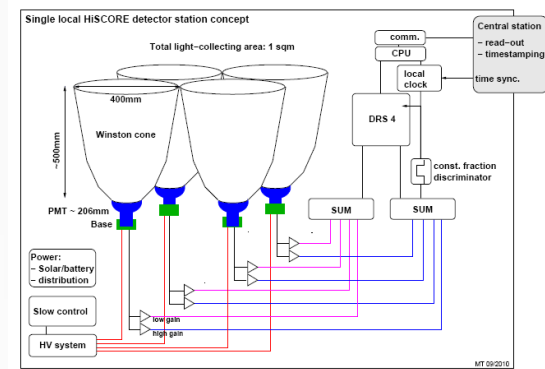
RESEARCH PROJECTS

- **The Russian government megagrant in particle physics;**
- **The Russian government megagrant in archeology;**
- **5 large grants from the Russian Science Foundation;**
- **over 40 grants from national foundations (ex. the Russian Foundation for Basic Research)**

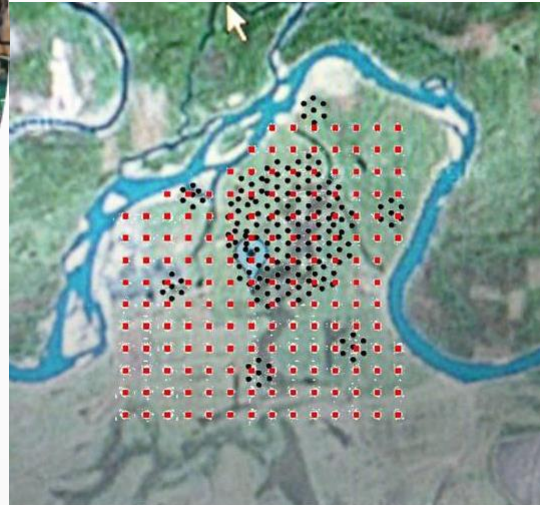


GAMMA-RAY OBSERVATORY Tunka-HiSCORE

- World's largest
- International project



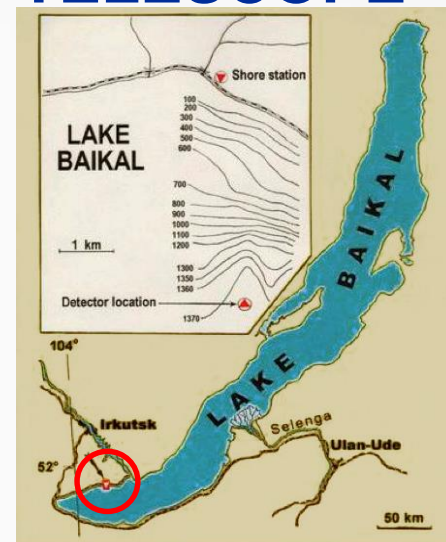
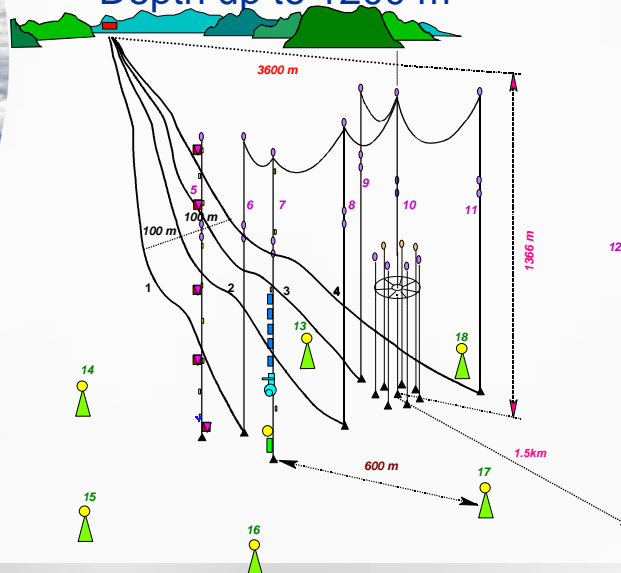
- On the base of Tunka-138 array
- Construction started in 2012.





BAIKAL NEUTRINO TELESCOPE

- Baikal as a tool
- Volume 1 km³
- Depth up to 1200 m



«Asymmetric reply to the Large Hadron Collider»

Research of streams of high energy muons and neutrinos in the cosmic rays, search for rare processes and new types of elementary particles, such as magnetic monopoles and massive particles – candidates for the role of dark matter

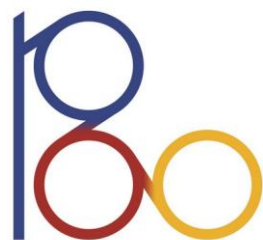




KEY RESEARCH AREAS FOR COOPERATION

- **Astroparticle physics and gamma-astronomy. Neutrino astronomy. Cosmic rays.**
- **Metal complex catalysis. Chemistry of macromolecular compounds. Quantum chemistry**
- **Slavistics Studies. Linguistics. Russian as a foreign language.**
- **Comparative study of physiological mechanisms of environmental adaptation and stress tolerance**
- **Post-soviet migrations and diasporas studies**
- **Archaeology, Quaternary Geology and Paleoecology of Siberia**





ИРКУТСКОМУ ГОСУДАРСТВЕННОМУ
УНИВЕРСИТЕТУ
100 ЛЕТ

Toward 100th-anniversary

On October 25-27, 2018 ISU is going to celebrate its **100th**-anniversary:

- Having new ambitious plans and projects
- Developing progressive thinking
- Strengthening its leadership as the center for the integration of regional science and education
- And promoting new international projects to contribute to connectivity between regions

It is great honour for ISU to invite you to join celebrate events dedicated to its 100-anniversary

