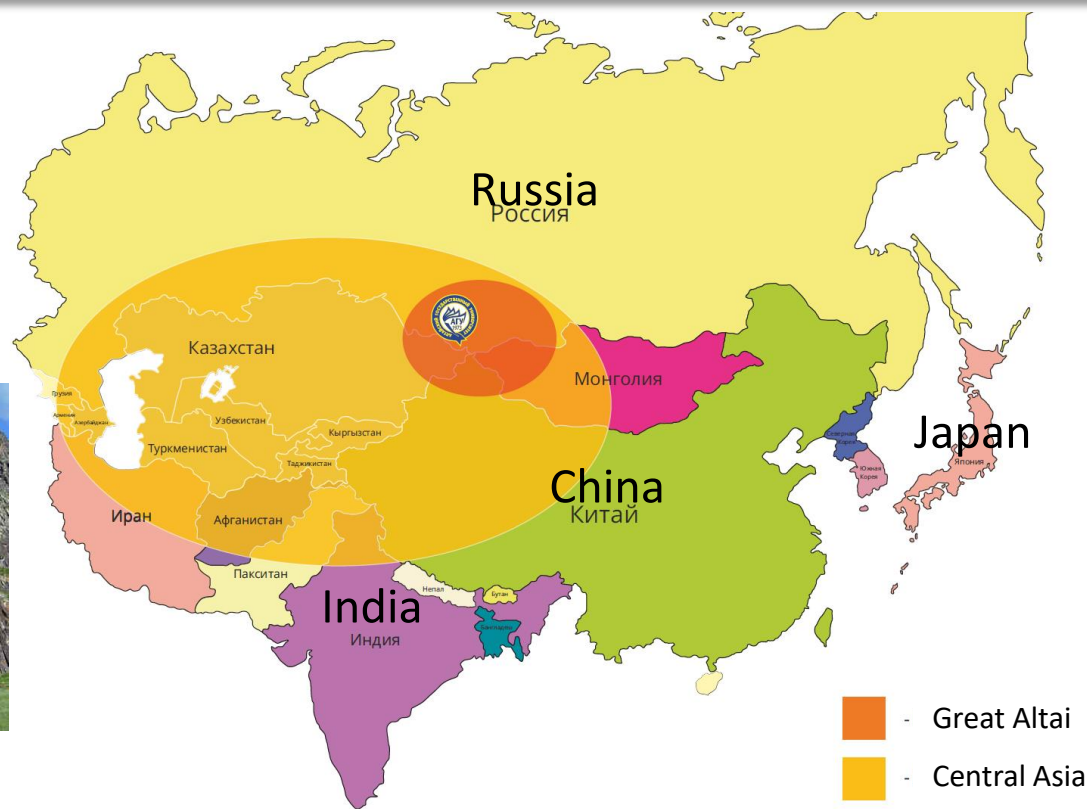




Altai State University –  
the flagship university of the Altai Region



## One of the leading universities in Central Asia



**Altai State University (ASU) is located in the city of Barnaul, the capital of the Altai Krai.**

**Altai is the geographical center of Eurasia, the cradle of ancient cultures and civilizations, one of the most beautiful and amazing places on the planet.**





# One of the leading universities in Central Asia

## INTERNATIONALIZATION OF EDUCATION AND ACADEMIC EXCHANGE

11.3% of international students.

30 joint educational programs

International internships and specialized summer schools

## NETWORK COOPERATION

Association of Asian Universities

(50 universities from 8 countries)

University of SCO (base university in 4 directions)

International scientific projects in the field of archeology and ethnography, biomedicine and biotechnology, astrophysics, rational nature management, zoosystematics

## EXPERT-ANALYTICAL ACTIVITY

Asian Expert and Analytical Center, Institute of Interaction with the countries of Asia (the amount of financing of projects for 5 years - 40 million rubles.)

Asian Educational Forum (2012, 2014, 2016)

## YOUTH PROJECTS, INTERCULTURAL DIALOGUE

Student associations development program (2013-2017)

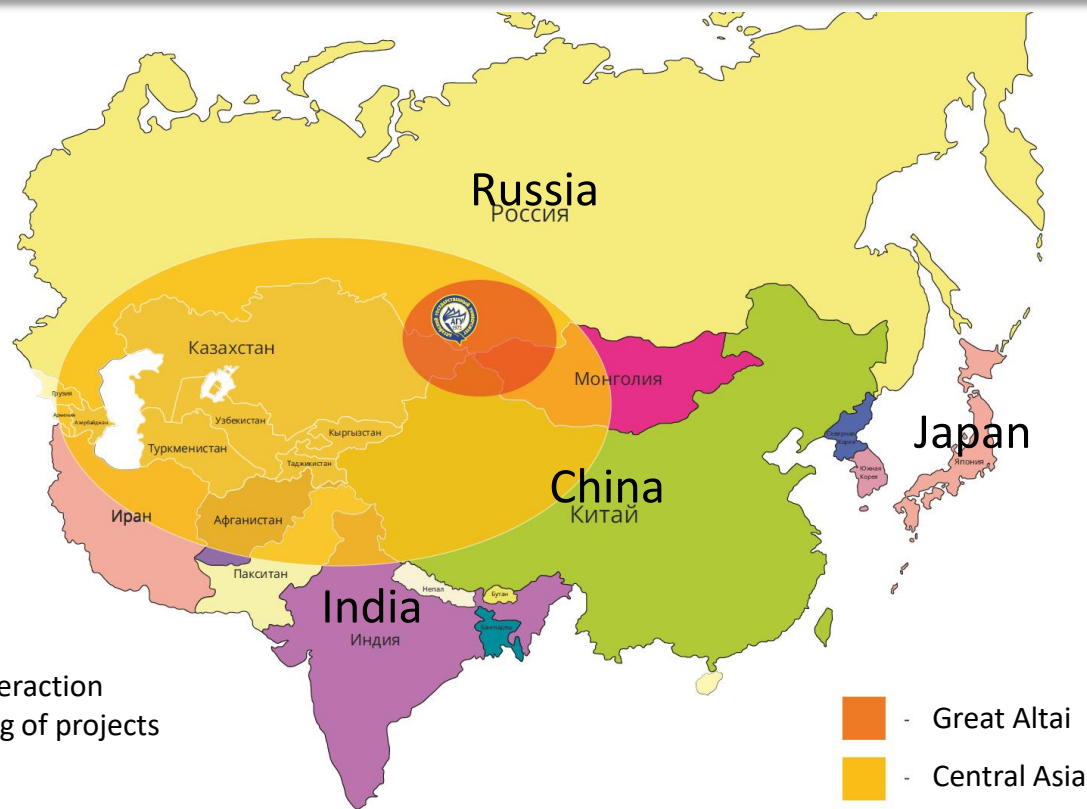
All-Russian Student Forum (2011)

Asian Student Forum (2013, 2015, 2017)

Asian Countries Youth Leaders' Forum (2015, 2016, 2017)

Student Congress of the Peoples of Central Asia (2015, 2016, 2017)

BRICS Youth Assembly Conference (2016, 2017)



## PROMOTION OF THE RUSSIAN LANGUAGE, CULTURE AND EDUCATION ABROAD

11 foreign centers and basic schools (Kazakhstan, Kyrgyzstan, Tajikistan, Uzbekistan)

3 centers of the Russian language and culture (Mongolia, China)

International Competition in the Russian language "Study Russian - learn Russia"

6 supported projects under the Federal Target Program "Russian Language"

# ASU at a glance

a general idea of the current state of the flagship university

12 institutes and faculties

4 research institutes

14 representative centers in foreign countries

16 joint laboratories and centers with the Siberian Branch of Russian Academy of sciences

- 4 branches
- college
- institute of additional vocational education

4 centers for shared use of scientific equipment

4 bases of scientific and educational practices, South-Siberian Botanical Garden

4 megaprojects supported by the Government of the Russian Federation



**37**

university departments based at the enterprises of the region

**40**

small innovative companies

Engineering center  
"Prombiotech"

Business incubator of innovative projects

Center for Youth Innovations



27 implemented enlarged groups of specialties  
15 thousand of students  
19.2% of Master's degree students  
11.3% of international students,  
a foreign students center

1,8 thousand employees, incl.  
1 thousand scientific and pedagogical staff, including:  
3 academicians  
2 corresponding members of the Russian Academy of Sciences,  
144 Doctors of Sciences,  
82.7% have a degree

82 H-index (Russian Science Citation Index)  
> 2 thousand publications indexing in Web of Science and Scopus  
2.5 million rubles. – Income per 1 employee

IN 2017 ASU  
BECAME THE WINNER  
OF CONTEST OF  
MINISTRY OF  
EDUCATION AND  
SCIENCE OF THE RUSSIAN  
FEDERATION  
AND HAS RECEIVED THE  
STATUS  
OF FLAGSHIP  
UNIVERSITY  
OF RUSSIA



More than 200  
agreements  
on cooperation with  
foreign  
scientific and  
educational  
organizations

Honorary department “The Kazakhstan way Named after N.Nazarbayev”	Center of Language and Culture of the Republic of Tajikistan	Center of Language and Culture of the Republic of Kyrgyzstan	Russian-Chinese Center of Education, Culture and Academic Exchanges	Asian Expert and Analytical Centre	Association of International Students “AIST”
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# Altai State University in International University Ratings

**International  
rating  
of QS-BRICS  
2018**

**#94**  
(#24 among  
the universities  
of Russia)



**QS-Emerging  
Europe  
and Central Asia  
2018**

**#115**  
(#25 among  
the universities  
of Russia)



**World Ranking RUR  
(Round University  
Ranking)  
2018**

**World League**  
(#37 among  
the universities  
of Russia)





# Altai State University in International University Ratings

## Nature Index Ranking 2017

**#31**

among the  
universities  
of Russia

**#7**

Life Sciences subject  
ranking

**nature  
INDEX**

## Russian National University Ranking (IA "Interfax") 2017

**#25**

among the  
universities  
of Russia

**#20**

on the criterion of  
"internationalization"

**ИНТЕРФАКС**  
INTERFAX

## International rating of universities "Webometriks" 2018

**#35**

among the  
universities  
of Russia

Webometrics  
**RANKING WEB  
OF UNIVERSITIES**





# Association of Asian Universities

(established in 2013 under the auspices of ASU, 50 universities, 8 countries)

## АССОЦИАЦИЯ АЗИАТСКИХ УНИВЕРСИТЕТОВ

**Казахстан**

- Восточно-Казахстанский государственный технический университет им. Д. Серикбаева (г. Усть-Каменогорск, [www.ektu.kz](http://www.ektu.kz))
- Восточно-Казахстанский государственный университет им. С. Аманжолова (г. Усть-Каменогорск, [www.vkgu.kz](http://www.vkgu.kz))
- Евразийский национальный университет им. Л. Н. Гумилёва (г. Астана, [www.enu.kz](http://www.enu.kz))
- Казахская Академия труда и социальных отношений (г. Алматы, [www.atso.kz](http://www.atso.kz))
- Казахский гуманитарно-юридический инновационный университет (г. Семей, [www.semuniver.kz](http://www.semuniver.kz))
- Казахский национальный педагогический университет им. Абая (г. Алматы, [www.kaznpu.kz](http://www.kaznpu.kz))
- Казахский национальный университет искусств (г. Астана, [www.kazuniart.kz](http://www.kazuniart.kz))
- Казахский университет экономики, финансов и международной торговли (г. Астана, [www.kuef.kz](http://www.kuef.kz))
- Казахстанский инновационный университет (г. Семей, [www.kiu.kz](http://www.kiu.kz))
- Павлодарский государственный педагогический институт (г. Павлодар, [www.ppi.kz](http://www.ppi.kz))
- Павлодарский государственный университет им. С. Торайгырова (г. Павлодар, [www.psu.kz](http://www.psu.kz))
- Казахская национальная академия хореографии (г. Астана, [www.balletacademy.kz](http://www.balletacademy.kz))
- Государственный университет имени Шакарима города Семей (г. Семей, [www.semgu.kz](http://www.semgu.kz))

**Армения**

- Российско-Армянский (Славянский) университет (г. Ереван, [www.rau.am](http://www.rau.am))

**Таджикистан**

- Государственный институт изобразительного искусства и дизайна Таджикистана (г. Душанбе)
- Таджикский национальный университет (г. Душанбе, [www.tnu.tj](http://www.tnu.tj))

**Киргизия**

- Институт истории и культурного наследия Национальной академии наук Кыргызской Республики (г. Бишкек)
- Академия государственного управления при Президенте Кыргызской Республики (г. Бишкек, [www.ampr.kg](http://www.ampr.kg))
- Кыргызский государственный университет строительства, транспорта и архитектуры им. Н. Исанова (г. Бишкек, [www.ksucta.kg](http://www.ksucta.kg))
- Кыргызский национальный университет им. Ж. Баласагына (г. Бишкек, [www.university.kg](http://www.university.kg))

**Монголия**

- Завханский университет (г. Завхан)
- Ховдский государственный университет (г. Ховд, [www.khu.edu.mn](http://www.khu.edu.mn))
- Монгольский национальный университет (г. Улан-Батор, [www.num.edu.mn](http://www.num.edu.mn))

**Россия**

- Алтайский государственный университет (г. Барнаул, [www.asu.ru](http://www.asu.ru))
- Алтайская государственная академия культуры и искусств (г. Барнаул, [www.altgaki.org](http://www.altgaki.org))
- Алтайский государственный педагогический университет (г. Барнаул, [www.altspu.ru](http://www.altspu.ru))
- Горно-Алтайский государственный университет (г. Горно-Алтайск, [www.gasu.ru](http://www.gasu.ru))
- Забайкальский государственный университет (г. Чита, [www.zabgu.ru](http://www.zabgu.ru))
- Казанский (Приволжский) федеральный университет (г. Казань, [www.kpfu.ru](http://www.kpfu.ru))
- Кемеровский государственный университет (г. Кемерово, [www.kemsu.ru](http://www.kemsu.ru))
- Омский государственный университет им. Ф. М. Достоевского (г. Омск, [www.omsu.ru](http://www.omsu.ru))
- Тихоокеанский государственный университет (г. Хабаровск, [www.pnu.edu.ru](http://www.pnu.edu.ru))
- Тувинский государственный университет (г. Кызыл, [www.tuvsu.ru](http://www.tuvsu.ru))
- Алтайский государственный медицинский университет (г. Барнаул, [www.asmu.ru](http://www.asmu.ru))

**Киргизия**

- Кыргызский национальный аграрный университет им. К.И. Скрябина (г. Бишкек, [www.knau.kg](http://www.knau.kg))
- Кыргызско-Российский Славянский университет им. первого Президента России Б.Н. Ельцина (г. Бишкек, [www.krsu.edu.kg](http://www.krsu.edu.kg))
- Кыргызский государственный технический университет им. И. Разакова (г. Бишкек, [www.kstu.kg](http://www.kstu.kg))

**Китай**

- Северо-Восточный университет (г. Шеньян, [www.neu.edu.cn](http://www.neu.edu.cn))
- Синьцзянский университет (г. Урумчи, [www.xju.edu.cn](http://www.xju.edu.cn))
- Хэйлунцзянский институт иностранных языков (г. Харбин, [www.hliu.edu.cn](http://www.hliu.edu.cn))
- Чанчуньский университет (г. Чанчунь, [www.ccu.edu.cn](http://www.ccu.edu.cn))

**Тайланд**

- Технологический университет Суранари (г. Суранари, [web.sut.ac.th](http://web.sut.ac.th))



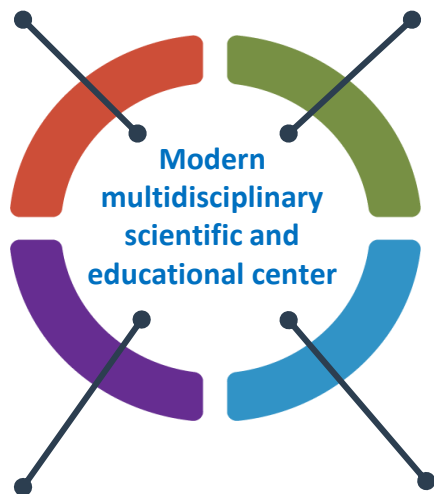


IN 2017 ASU BECAME THE WINNER OF CONTEST OF MINISTRY OF EDUCATION AND SCIENCE OF THE RUSSIAN FEDERATION AND HAS RECEIVED THE STATUS OF FLAGSHIP UNIVERSITY OF RUSSIA

## Mission

to create an intellectual elite

to develop breakthrough directions of scientific research



to produce new knowledges, integrate and disseminate best practices

to realize cultural and expert potential and make an impact on social development

- *The leading center for the training of highly qualified specialists for the region, Russia and the countries of Central Asia, which have competitiveness at the world level.*
- *Center for concentration and transfer of advanced scientific knowledges and technologies based on the development and use of modern research facilities, inviting leading scientists, attracting talented students, creating a creative atmosphere and comprehensive management system.*
- *The largest integration center with universities in Central Asia, which holds leading positions in the export of education and development and transfer of the best educational practices, advanced scientific developments and experience in humanitarian cooperation.*
- *Center for Social Development, ensuring the formation of personal qualities and values of the future political, economic, scientific and educational elite.*



## Priority research directions

Agrobiotechnology



Biological medicine and chemical-pharmaceutical technologies



Geoecological monitoring and environmental management



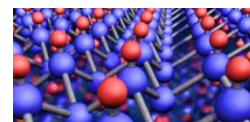
Biological diversity studies and protection



IT and mathematical modelling



Material Science and the Creation of New Materials with Specified Properties



Analysis and forecasting of ethnocultural, socio-economic, humanitarian and geopolitical processes in the transboundary space of Russia and Central Asia





# A Brief History of the Collaboration



Over 30 years scholars of the Altai State University have been collaborating with Japanese colleagues primarily in three fields: **archaeology**, **biology**, and **physics**.

Two of the ASU faculty members were awarded with long-term Japanese Governmental fellowships:

D.Troshkin (Environmental Science, Monbuscho Fellowship, JSPS grant),  
R.Raikin (High Energy Astrophysics, Obuchi Fellowship).

## 1. Archaeology (ethnogenesis and material culture of the ancient peoples of Central Asia, since mid-1980s)

Group leaders and participants of collaboration from the ASU

- Prof. J.F.Kiryushin
- Prof. A.A.Tishkin

Group leaders and participants of collaboration from the Japanese side

- Prof. Takahama Shu (Kanazawa University, Kanazawa)
- Kazuo Miyamoto (Kyushu University, Fukuoka)
- K. Matsumoto (Museum of Kyushu University, Fukuoka)
- Amano Tetsuya (Hokkaido University, Sapporo)
- Tetsu Matsumoto (Education Council, Administration of Osaka Prefecture)

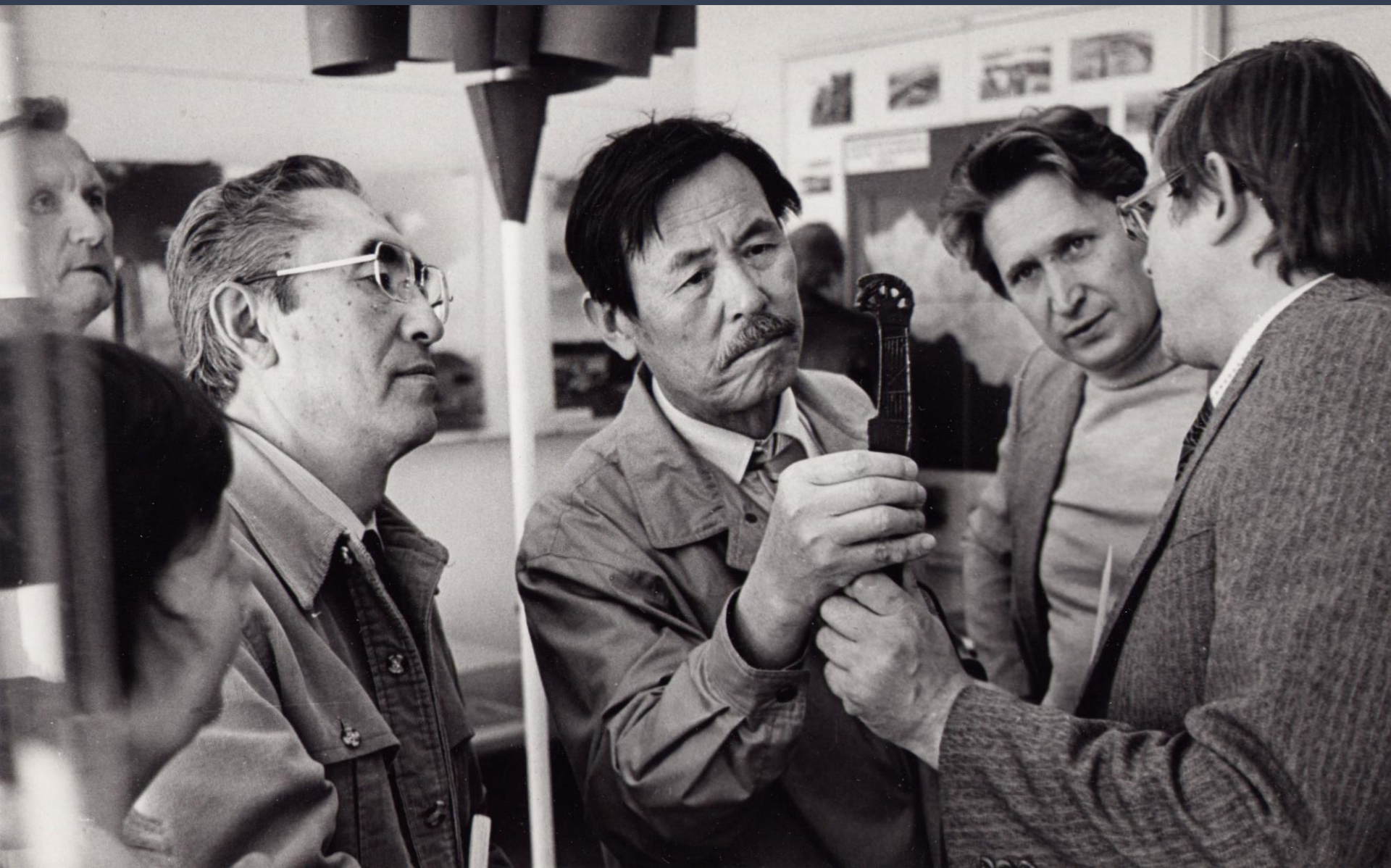
# A Brief History of the Collaboration



*Japanese delegation in the Altai State University. Meeting with first rector of the ASU V.I.Neverov, 1984.*



# A Brief History of the Collaboration



*Japanese colleagues visiting the Museum of Archaeology and Ethnography of Altai.*



# A Brief History of the Collaboration



*Japanese archaeologists and Russian colleagues in front of the main building of the ASU before an expedition to the Altai Mountains, 1986.*



# A Brief History of the Collaboration



*Participants of the International Congress of Medieval Archaeology of Eurasian steppes. 2011  
(on the left: Masumoto Tetsu and Tetsuya Amano).*



# A Brief History of the Collaboration



*Professor Takahama Shu  
at the Altai State University, 2013.*



*Japanese archaeologists at the opening of the International  
Conference at the Altai State University, 2013.*

## 2. Biology (molecular cytogenetic, science of plants, entomology, mycology, since early 2000s)

Group leaders and participants of collaboration from the ASU

- Prof. A.I.Shmakov
- Dr.R.V.Yakovlev
- Dr.S.V.Smirnov
- Dr. E.A.Davydov
- M.V.Skaptsov

Group leaders and participants of collaboration from the Japanese side

- Prof. Katsuhiko Kondo (Director of the Laboratory of Plant Chromosome and Gene Stock, Hiroshima University; Department of Agricultural Science, Tokyo University of Agriculture)
- Prof. Tsuneo Funamoto (Showa Pharmaceutical University)
- Harue Shinoyama (Fukui Agricultural Experiment Station, Laboratory of Biotechnology, Department of Horticulture and Biotechnology)
- Prof. Hiroyuki Kashiwadani (National Museum of Nature and Science, Tokyo).
- Yoshihito Ohmura (Department of Botany, Division of Fungi and Algae, National Museum of Nature and Science)



# A Brief History of the Collaboration



*Prof. K.Kondo and the Altai State University group, 2005.*



# A Brief History of the Collaboration



*Joint expedition. The Altai Mountains, 2008.*



# A Brief History of the Collaboration



*Signing of an agreement with the Institute of Phylogeny, Tokyo University of Agriculture, 2008.*



# A Brief History of the Collaboration



*The Tokyo University of Agriculture area at the foot of Mt. Fuji, 2009.*



# A Brief History of the Collaboration



*Dr.S.V.Smirnov, Prof.K.Kondo, Prof.A.I.Shmakov in an expedition, Japan, 2011.*



# A Brief History of the Collaboration



*Dr.E.Davydov and Y. Ohmura at National Museum of Nature and Science, Japan, 2015.*

## 3. Physics (high-energy cosmic ray physics and astrophysics, since early 1990s)

Group leaders and participants of collaboration from the ASU

- Prof. A.A.Lagutin
- Dr.R.I.Raikin

Group leaders and participants of collaboration from the Japanese side

- Prof. Akeo Misaki (Saitama University, Waseda University)
- Prof. Naoya Inoue (Saitama University)
- Prof. Masanobu Tamada (Kinki University)



# A Brief History of the Collaboration



*Prof. A. Misaki with the Altai State University Cosmic Ray Research Group, 1994.*

# A Brief History of the Collaboration



*Prof. A.Misaki and Prof.A.A.Lagutin. Japan, 1995.*



# A Brief History of the Collaboration



*Prof.A.A.Lagutin with Japanese colleagues. Japan, 1995.*



# A Brief History of the Collaboration



*Dr. R. I. Raikin at Prof. N. Inoue's laboratory in Saitama University as a visiting scholar (Obuchi Fellowship), 2000.*



# A Brief History of the Collaboration



*Prof. A. Misaki and Dr. R. I. Raikin. International Cosmic Ray Conference, Beijing, 2011.*



*Prof. N. Inoue and Dr. R. I. Raikin.  
International Cosmic Ray Conference, Beijing, 2011.*



# A Brief History of the Collaboration

July, 2015 – Saitama University. HiSEP Program



埼玉大学 理学部 HiSEP

第5・6回特別セミナー

Recent developments and  
open problems in very high  
energy universe



ロシア アルタイ州立大学副学長  
(理論宇宙物理分野)

Roman RAIKIN 教授



The main emphasis of this seminar is placed on recent progress in extensive air showers research including also few related aspects of high energy astroparticle physics. In addition, the history and perspectives of the Altai-Saitama collaboration in this field beginning in the early 1990s will be reviewed.

日時: 2015年7月2日(木) 13:00~14:00

理学部講義実験棟 1 番教室

2015年7月3日(金) 10:40~11:40

埼玉大学総合研究棟 1F シアター教室

多くの皆様のご来場をお待ちしています。

主催: 埼玉大学理学部 HiSEP

問い合わせ: 埼玉大学理学部 HiSEP 実行委員会 Tel 048-858-9302



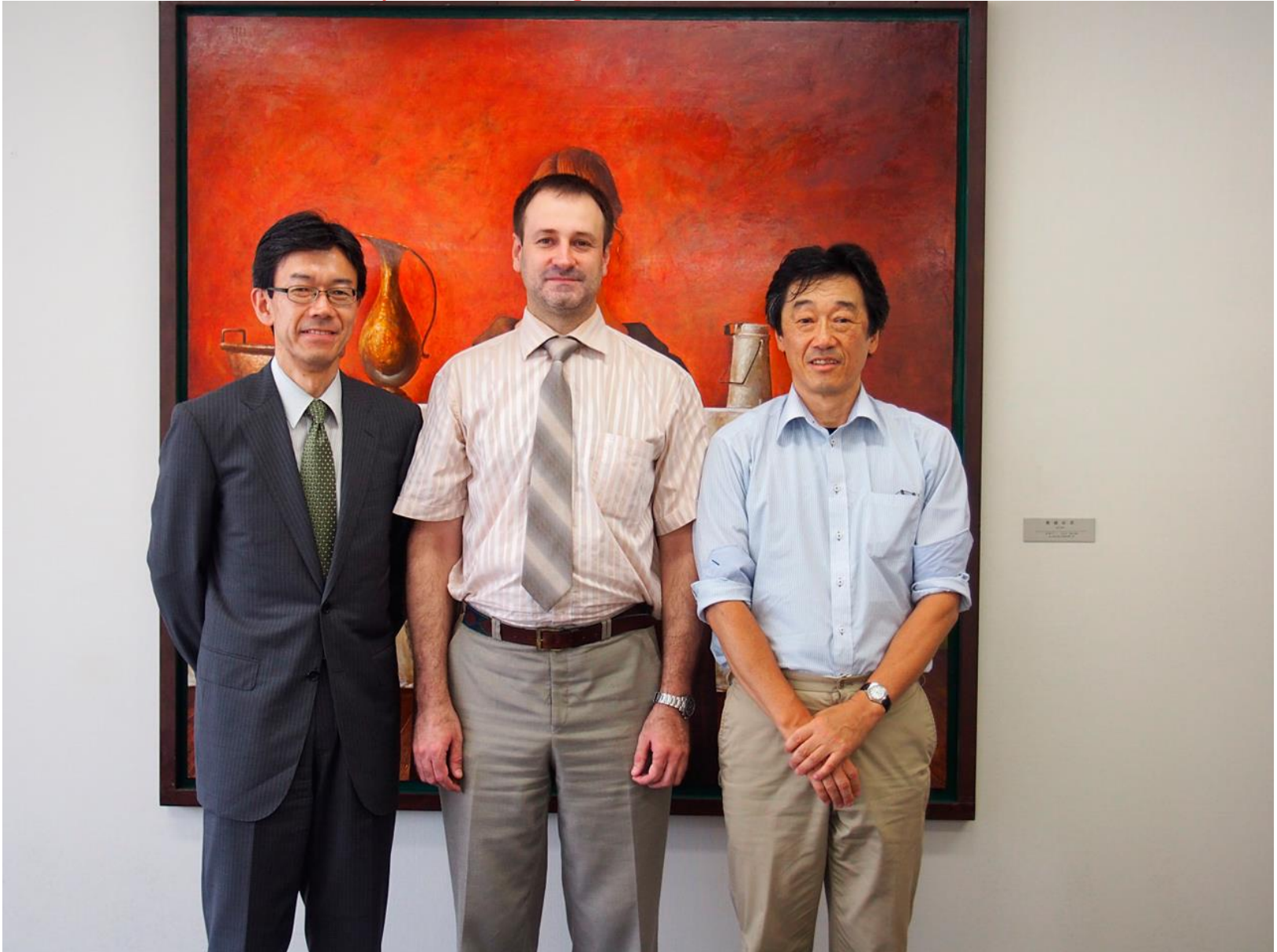
# A Brief History of the Collaboration

July, 2015 – Saitama University. HiSEP Program



# A Brief History of the Collaboration

July, 2015 – Saitama University. HiSEP Program



*Saitama University President Prof. S. Yamaguchi, Vice-Rector of ASU Dr. R. Raikin, Prof. of Saitama University N. Inoue*



# International Schools for Young Scientists



*Japanese-Russian School of young scientists at ASU, 2016*



# International Schools for Young Scientists





# International Schools for Young Scientists



*Japanese-Russian School of young scientists at ASU, 2016*



# International Schools for Young Scientists



*Japanese-Russian School of young scientists at ASU, 2016*



# International Schools for Young Scientists



*Japanese-Russian School of young scientists at ASU, 2016*



# International Schools for Young Scientists



*Students from Japan at Lebedev Physics Institute, 2016*



# “Training Program For Russia-Japan Innovative Leaders of Tomorrow” (Kanazawa University, MEXT Inter-University Project)



*Kick-off Symposium at Kanazawa University, 2018*

# “Training Program For Russia-Japan Innovative Leaders of Tomorrow” (Kanazawa University, MEXT Inter-University Project)



*Kick-off Symposium at Kanazawa University, 2018*



0. More freedom in internationalization
1. Expansion of youth exchange programs of all levels
2. Joint educational programs development and implementation
3. Organization of international schools for young scientists
4. Involvement of leading scientists and professors from partner universities
5. Organization of student forums, youth leaders summits and other humanitarian events



ご清聴ありがとうございました!