



BELARUSIAN STATE UNIVERSITY IN THE WORLD'S EDUCATIONAL SPACE AND ITS BEST PRACTICES OF SCI-TECH COOPERATION WITH CHINA

白大中国之间教育科技合作经验





WORLD UNIVERSITY RANKINGS 2016/17

2016/2017年世界大学排行榜



In 2017 the BSU took the **334th** position in the latest edition of **World University Rankings 2016/17** released by the **British agency QS**
2017年QS世界大学排名 – 白大是第334

According to the last edition of the excellence rating of **Webometrics Ranking of World Universities** BSU reached **637th** place.

(2% of the 30,000 universities existing in the world)

韦伯麦特里克斯世界大学排名 – 第637



Interfax ranking

(for CIS countries)

BSU - Position №2

俄罗斯国际通讯社 (Interfax) 排名

(对于独联体国家)

白大是第二个

(Position № 1 – Moscow State University)





BSU today 今日白大

**BSU is a united educational, scientific and production
Complex includes 28 legal entities**

- 26 faculties and educational institutions
- 4 research institutes
- 2 national research centers
- 3 scientific-experimental stations
- 41 research laboratories
- 5 unitary enterprises
- lyceum; college; museums

8900 total staff; faculty - 3500

44 000 students 学生总数：44 000

(29 000 students and graduate students in 2016-2017 academic year);

**420 Doctors of Sciences, 1860 – Ph.D; 15 Academicians of the National
Academy of Sciences of Belarus work in BSU**

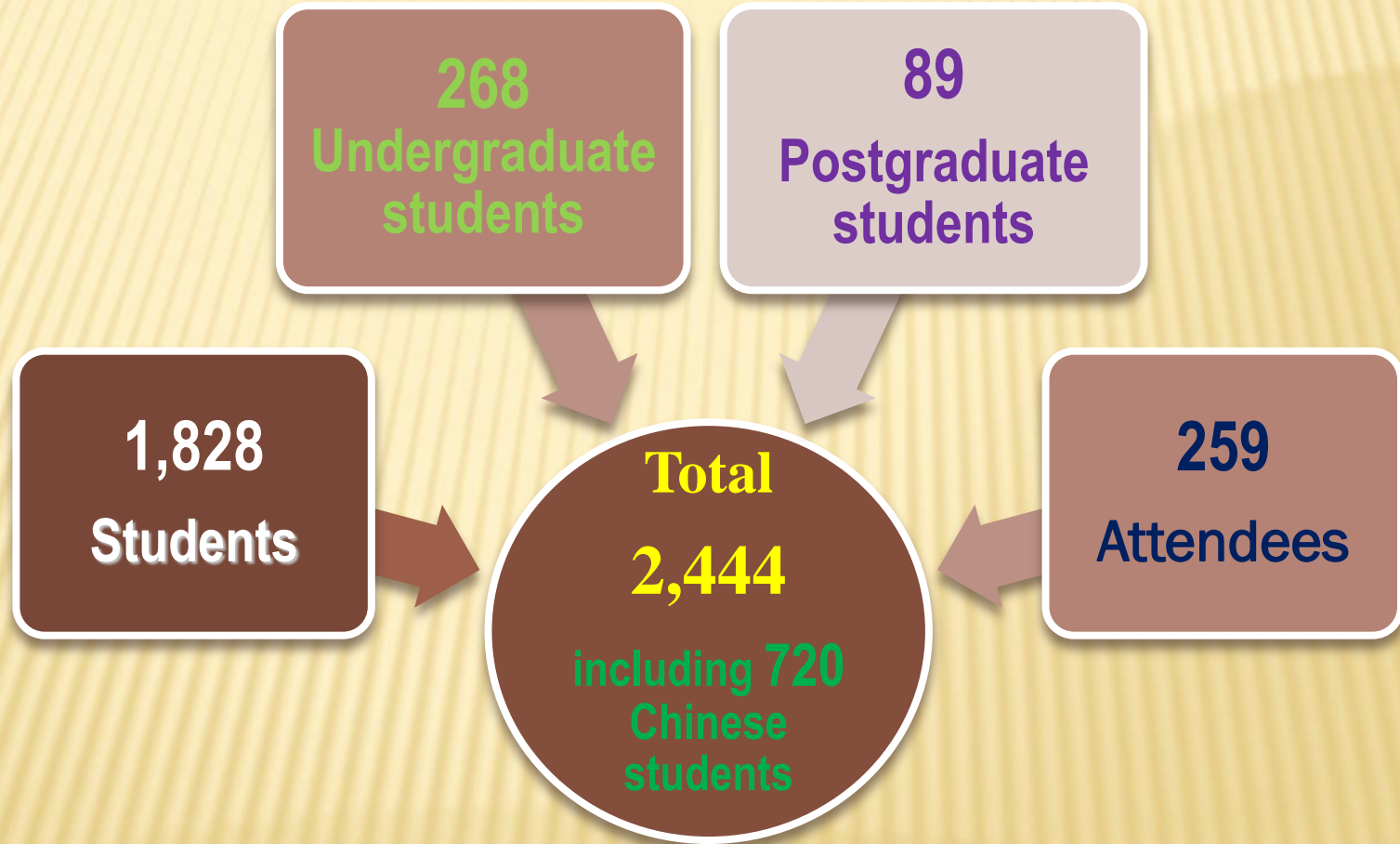
420名博士，1860名副博士，15名白俄罗斯国立科学院院士在白大工作





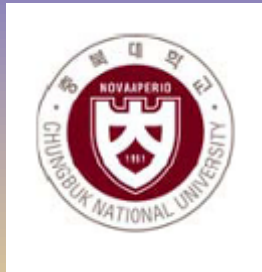
Foreign Citizens in BSU

外国人在白大 (2016/2017年)



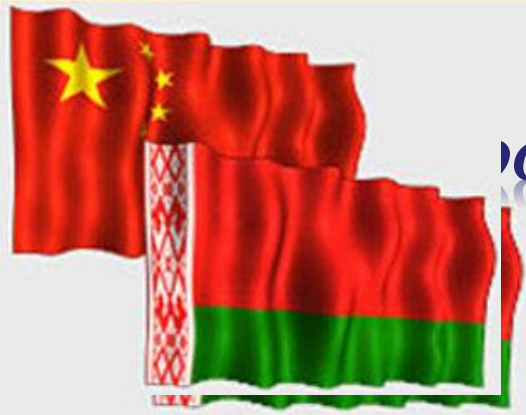
BSU International Cooperation

国际合作项目



- ✓360 cooperation treaties with universities from 54 countries.
- ✓1000 employees and 400 students are sent on academic missions abroad annually.
- ✓Over 40 international projects.
- ✓12 joint programs with foreign universities.
- ✓Membership in 8 International University Associations.
- ✓4 international centers in BSU.
- ✓跟中国大学已有40多个合作项目

СОТРУДНИЧЕСТВО БЕЛОРУССКОГО ГОСУДАРСТВЕННОГО УНИВЕРСИТЕТА С КНР 白俄罗斯国立大学与中国合作伙伴



The Belarusian State University cooperation with P.R. of China is actualized within the range of the Agreement between the Ministry of Education of the Republic of Belarus and Ministry of Education of P.R. of China, as well as in accordance with the partner agreements between BSU and educational and research institutions of China

白俄罗斯国立大学与中华人民共和国合作在白俄罗斯共和国教育部与中华人民共和国教育部协议的范围内而实现。

Directions 关键领域

1. Education 教育
2. Research 研究
3. Information exchange 信息交流
4. Joint actualization of scientific and technical projects 科技项目联合实现
5. Implementation of developed products into economy 开发产品商业化
6. Establishing of joint Research laboratories and centers 建立联合实验室与中心
7. Establishing of joint Innovation Centers 建立联合创新中心



中华人民共和国教育部

Ministry of Education of the People's Republic of China



«Joint Postgraduate Course Program»

联合研究生培养方案



On December 1, 2005 was established Joint Postgraduate Course Program between Harbin University of Science and Technology and Belarusian State University

2005年哈尔滨科学技术大学与白俄罗斯国立大学
制定了中白联合研究生培养方案

It has become first time practice in Higher Education cooperation between Belarus and China



Joint Postgraduate Course Program has been carried out under support of Ministry of Education of the Republic of Belarus and Ministry of Education of P.R. of China

联合研究生培养方案在白俄罗斯共和国与中华人民共和国教育部支持下

15 Chinese postgraduate students have been trained under the Joint Postgraduate Course Program 培养15名研究生

14 postgraduate student defended a thesis (100 % defence of a thesis at Radiophysics and Computer Technologies Faculty, Faculty of Applied Mathematics and Computer Science, Philology Faculty)

14名答辩论文（无线电物理学和计算机技术学系、应用数学与计算机学系、语言系）





Sino-Belarusian «Joint Institute of Dalian University of Technology and Belarusian State University»



大连理工大学白俄罗斯国立大学联合学院

合作办学协议

大连理工大学
2017年2月28日



The first Academic year will start on September 1, 2017

Joint Institute offers majors in
Applied Physics, Engineering Mechanics, Applied
Mathematics



ТОМСКИЙ
ПОЛИТЕХНИЧЕСКИЙ
УНИВЕРСИТЕТ



**IN 2014 Г. JOINT RESEARCH CENTER ON
PLASMA TECHNOLOGIES WAS ESTABLISHED
IN DALIAN UNIVERSITY OF TECHNOLOGY**

CO-FOUNDERS ARE:

BELARUSIAN STATE UNIVERSITY (BELARUS)

**DALIAN UNIVERSITY OF TECHNOLOGY
(CHINA)**

**ТОМСКИЙ УНИВЕРСИТЕТ
(RUSSIA)**

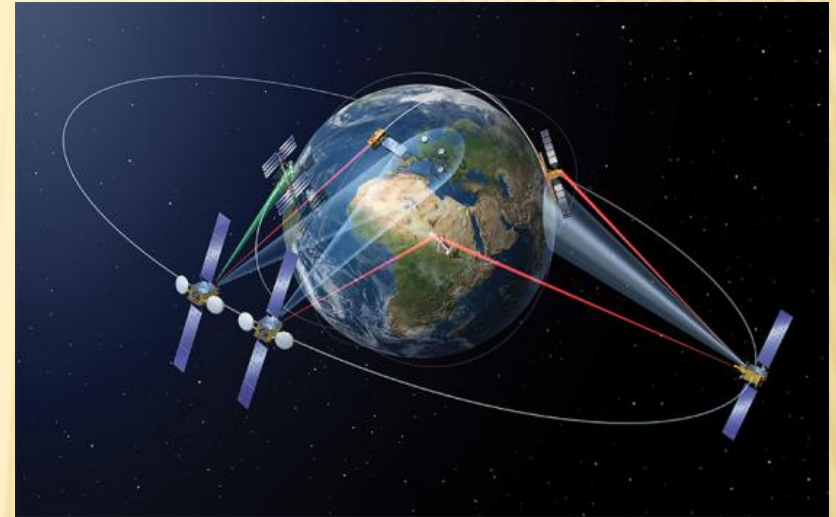
热核技术联合研究中心



**Rector of Dalian University of
Technology, academician Guo Dongming
was conferred professor “Honoris Causa”
of BSU In May 2016**

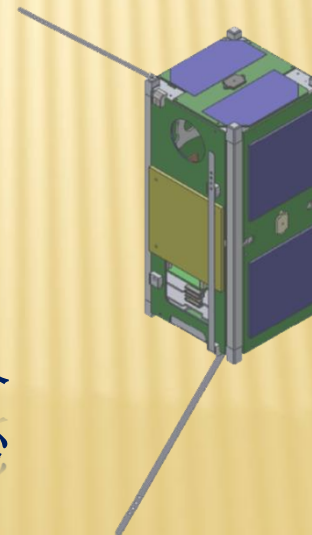
Cooperation in space technologies

中白太空技术合作



BELARUSIAN STATE UNIVERSITY AND DALIAN UNIVERSITY OF TECHNOLOGY ARE GOING TO MAKE JOINT UNIVERSITY'S SATELLITE AND ESTABLISH JOINT EDUCATIONAL CENTER FOR SPACE TECHNOLOGIES

白俄罗斯国立大学与大连理工大学将制造联合大学卫星，也打算建立联合太空技术教学中心





TRAINING PROGRAM ON HIGHER EDUCATION MANAGEMENT

高等教育管理培训班



浙江树人大学
ZHEJIANG SHUREN UNIVERSITY

In August 2015 started Training program on Higher Education Management for Administration and Faculty of Zhejiang Shuren University

2015年8月份开始

浙江树人大学培训班



The term of training is 2 weeks
Trainees have been presented with
the State Certificate
培训班期间2周
颁发证书



TRAINING PROGRAM FOR MANAGERS OF HARBIN PEOPLE'S GOVERNMENT

哈尔滨市市政工作人员高级训练

In October-November 2015 has been realized Training Program on up-to-date Effective Business Communication for managers of Harbin Government



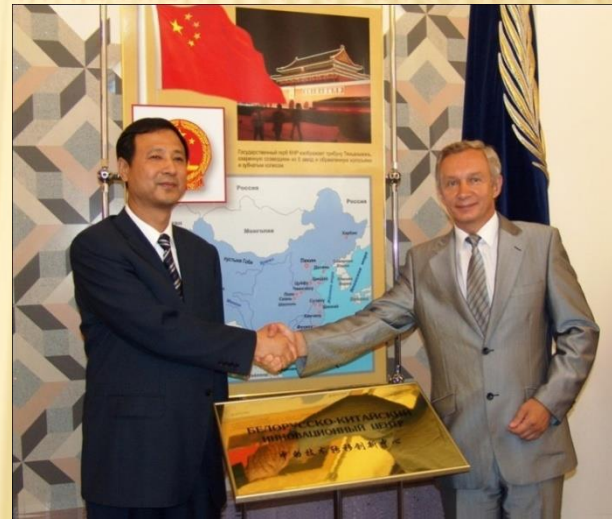
Trainees have been presented with the State Certificate

China-Belarus Innovation Center

中白创新中心

WAS ESTABLISHED IN 2010 IN MATTER OF JOINT RESEARCH PROJECTS COORDINATION AND SUPERVISION. THE FOUNDERS ARE BELARUSIAN STATE UNIVERSITY AND SCIENCE AND TECHNOLOGY BUREAU OF HARBIN GOVERNMENT

哈尔滨市科技局与白俄罗斯国立大学
就成立中白技术转移创新中心签订了合作框架协议：联合研究项目协调和监督



A lot of important research projects on advanced scientific trends has been carried out under supervision of Joint Innovation center

在联合创新中心的监督下，已经开展了很多关于先进科学趋势的重要研究项目



黑龙江省科学院石油化学研究院

INSTITUTE OF PETROCHEMISTRY HEILONGJIANG ACADEMY OF SCIENCES

INSTITUTE OF PETROCHEMISTRY OF THE HEILONGJIANG ACADEMY OF SCIENCES
IS A MAJOR CHINESE SCI-TECH PARTNER OF BSU

黑龙江省科学院石油化学研究院为白大主要科技伙伴之一

The following contracts for research with Institute of Petrochemistry of the Heilongjiang Academy of Sciences were performed in 2016-2017:

2016-2017年合作项目：

- ✦ Development of phosphate composites reinforced with carbon fibers
- ✦ 开发用碳纤维增强的磷酸盐复合材料
- ✦ Development of heat-resistant materials based on phosphate binding modified by organic resin (or inorganic silicate binding)
- ✦ 基于有机树脂（或无机硅酸盐结合）改性的磷酸盐结合的耐热材料
- ✦ Improving the process performance of inorganic silicate adhesive
- ✦ 提高无机硅酸盐胶粘剂的工艺性能
- ✦ Synthesis and Preparation of Liquid Crystal Compounds and Novel Organic Compounds
- ✦ 液晶化合物和新型有机化合物的合成与制备



JOINT RESEARCH CENTER FOR ADHESIVE ENGINEERING AND TECHNOLOGY 粘合剂工程技术联合研究中心

Fields of application 应用领域:

- ✘ Metallurgy 冶金
- ✘ Building materials Industry
建筑材料: 耐火材料, 玻璃, 陶瓷.
- ✘ Aviation and Space Industry
航空, 火箭和空间技术。



On July 6th 2015 the Agreement on establishing Joint Research Center on composite materials was signed between HIPC and BSU

2015年7月6日签署关于建立复合材料联合研究中心

Joint way to the sci-tech advance 联合科技进步



黑龙江省科学院石油化学研究院

INSTITUTE OF PETROCHEMISTRY HEILONGJIANG ACADEMY OF SCIENCES



In June 2016 both parties signed the Agreement on long-term 2016-2019 sci-tech program for research in the field of Nanocarbon polymer based materials for electromagnetic applications and heat resistant (1800 °C) phosphate cementing system

In 2017 parties signed contracts on carrying out this research

2016年6月份双方签署关于在电磁应用纳米碳材料领域上2016年至2019年科技合作协议

COOPERATION IN THE FIELD OF SCIENCE AND TECHNOLOGY WITH ZHEJIANG PROVINCE

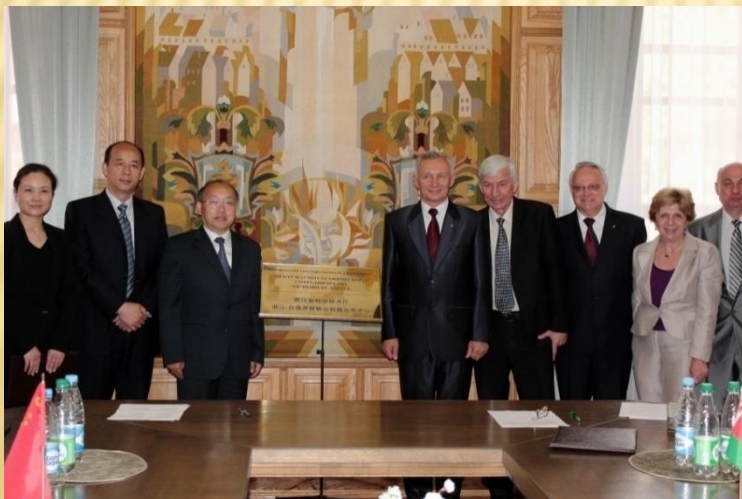
白俄罗斯国立大学与浙江省科技合作

JOINT CENTER OF SCIENTIFIC AND TECHNOLOGICAL COOPERATION “ZHEJIANG-BELARUS”

浙江-白俄罗斯联合科技合作中心
ESTABLISHED IN 2014 建于2014年

浙江省科学技术厅
浙江-白俄罗斯
联合科技合作中心

The Founders: Belarusian State University and
Department of Science and Technology People's
Government of Zhejiang province



Scientific partners in Zhejiang:

- Zhejiang provincial Center for Science and Technology Exchange with Foreign Countries
- Zhejiang Shuren University
- Zhejiang Ocean University
- Hangzhou Dianzi University

浙江省科学合作伙伴单位

- 浙江省对外科技交流中心
- 浙江树人大学
- 浙江海洋大学
- 杭州电子科技大学

RESEARCH PROJECTS WITH ZHEJIANG SHUREN UNIVERSITY AND ESTABLISHING JOINT RESEARCH UNITS

白大与浙江树人大学联合研究项目

Joint Research Laboratory has been established between Research Institute for Physical and Chemical Problems of BSU and **Zhejiang Shuren University**, School of Biology and Environmental Engineering.

白俄罗斯国立大学物理化学问题研究所与浙江树人大学生物与环境工程学院联合建立了研究实验室

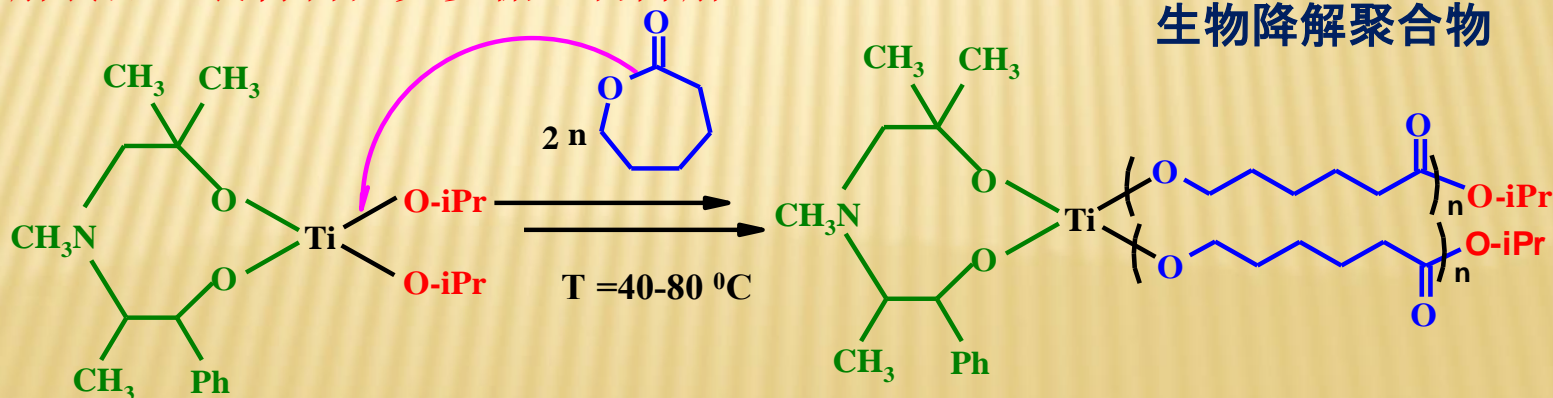
Long-term projects for research and application of Degradable and Edible Food Packing Materials (films) as well as Research and further application of the Chitin Biodegradation.

关键科研项目:

可降解食品包装材料; 壳多糖生物降解



Biodegradable (co)polymers
生物降解聚合物



Prospective research projects 前瞻性研究项目

BELARUSIAN STATE UNIVERSITY HELD NEGOTIATIONS WITH CASIC AND CPMIEC ABOUT SPECIFICATION AND TERMS ON RESEARCH IN THE FIELD OF RADIO ELECTRONICS, NANO-MATERIALS, NEW CHEMICAL MATERIALS AND SO ON.

白俄罗斯国立大学与中国航天科工集团公司和中国精密机械进出口总公司达成协议发展无线电电子学、纳米材料、新化学材料等领域研究





THANK YOU FOR YOUR TIME!

感谢聆听!