



THE MINISTRY FOR
SCIENCE AND HIGHER
EDUCATION OF THE
RUSSIAN FEDERATION



DON
STATE
TECHNICAL
UNIVERSITY

DON STATE TECHNICAL UNIVERSITY

www.donstu.ru

ROSTOV-ON-DON

SOUTHERN BUSINESS AND INDUSTRIAL CAPITAL



1 352 000

population

348 km²

area

90 000+

enterprises and companies

TOP-10 AWARDEE

“investment attractive city”

www.rostov-gorod.ru

STRATEGIC CLUSTERS

- machine engineering and equipment
- food industry
- aircraft engineering
- chemical industry
- light industry
- metallurgy



DON STATE TECHNICAL UNIVERSITY

1930



North-Caucasus Institute
of Agricultural Machinery
Building

1992



Don
State
Technical
University

2016



The Flagship University



5 000+

staff

46 000+

students



3 000+

international
students



5

branches



134

departments

24

faculties

341

study programs

DSTU STRUCTURE



5

fields of study

ARTS & HUMANITIES

LIFE SCIENCES &
BIO MEDICINE

NATURAL SCIENCES

SOCIAL SCIENCES

ENGINEERING & IT



24

faculties

AGRIBUSINESS

AIRCRAFT
ENGINEERING

ARCHITECTURE, ART
AND DESIGN SCHOOL

AUTOMATION,
MECHATRONICS AND
CONTROL

CONSTRUCTION AND
ENGINEERING

INNOVATIVE BUSINESS
AND MANAGEMENT

INTERNATIONAL

IT AND ECONOMIC
SYSTEMS

PSYCHOLOGY,
PEDAGOGY AND
DEFECTOLOGY

SERVICE AND TOURISM

MECHANICAL
ENGINEERING

MEDIA
COMMUNICATIONS
AND MULTIMEDIA
TECHNOLOGIES

OIL AND GAS INDUSTRY

PHYSICAL TRAINING
AND SPORTS

ROAD TRANSPORT
ENGINEERING

SOCIAL AND HUMAN
SCIENCES

TOOL ENGINEERING
AND TECHNICAL
REGULATION

TRANSPORT, SERVICE
AND MAINTENANCE

CIVIL AND INDUSTRIAL
ENGINEERING

LIFE SAFETY AND
ENVIRONMENTAL
ENGINEERING

IT-SYSTEMS AND
TECHNOLOGIES

MACHINERY ENGINEERING AND EQUIPMENT

LAW

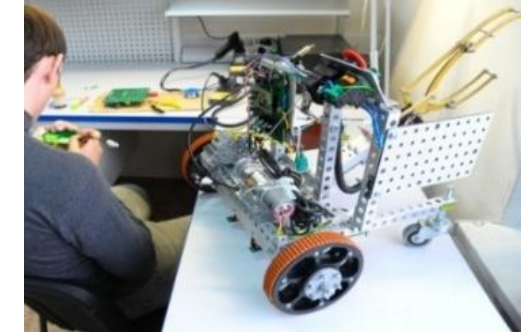
STUDY PROGRAMS

PHD (3 YEARS)	ENGINEERING & IT	NATURAL SCIENCES	SOCIAL SCIENCE	ARTS & HUMANITIES	
MASTER (2 YEARS)					
BACHELOR (4 YEARS)	ENGINEERING & IT	ARTS & HUMANITIES	NATURAL SCIENCES	SOCIAL SCIENCE	LIFE SCIENCES & BIO MEDICINE
SECONDARY EDUCATION	TECHNICAL LYCEUM	GYMNASIUM	COLLEGES	EMPEROR NIKOLAY II DON CADET SCHOOL	



341
study programs

LIFELONG AND LIFEWIDE LEARNING



NATIONAL AND INTERNATIONAL PARTNERS

FOR SUSTAINABLE INSTITUTIONAL AND REGIONAL DEVELOPMENT

РОСТСЕЛЬМАШ

Rostov Combine-harvest
Plant



MTE Kovosvit MAS



RealMadrid Foundation



Gloria Jeans Plant



LLC Bizon



Rostov Helicopter Plant



ALCOA inc.



PHYWE systeme
GMBH&Co



Siemens



South Region
Mediagroup



ELBUZD



Mitsubishi Electric



Novocherkassk Locomotive
Plant



Russian Post



JSC Commercial Bank
"Center-Invest"



Azov Optical Mechanical
Plant



Camozzi
Automation



Yantai HI-TECH
Industrial Zone



Lemken



Aviatest



CORPORATE DEPARTMENTS



19

corporate
departments



Transport systems and logistics



Multimedia communications
and technologies



Clothes design and production



Steel and its alloys production technologies



Industrial metrology



Aircraft engineering



Transport machinery



Drive systems



Power plant engineering



Hardware and software systems



Ecological inspection and permitting activities



Automated control systems



Radiolocation complexes
and navigation systems



Aircraft systems for special operations
manufacturing technology



Technical means of fish farming



Agribusiness products processing
technologies and equipment



Heat and gas supply systems



Agricultural machinery engineering
and production



Non-ferrous metal processing



Orthodox culture and theology



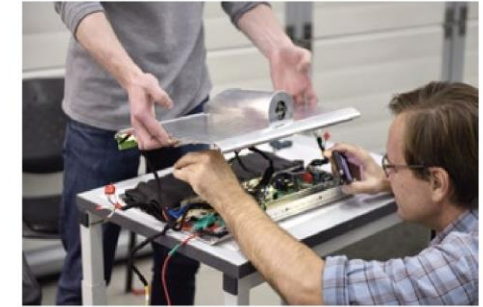
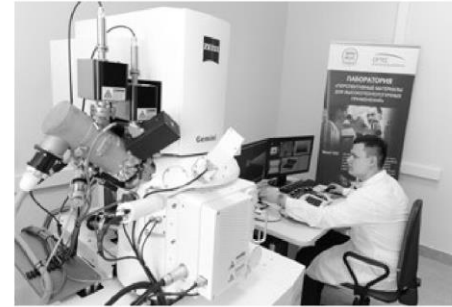
Design and engineering support
of drive systems production

DSTU FACILITIES

RDI AND SPIN-OFF POOL



- 4 research and education centers
- 30 labs incl. co-departmental (Camozzi, Mitsubishi, Alcoa, Festo, Kovosvit MAS, etc.)
- Rosatom Nuclear Energy Centre
- Nanotechnologies Education Park
- South Russia Engineering Centre
- Robotics Resource Centre
- Technopark
- Mediapark
- Agrotechnopark
- 10 spin-off companies



DSTU FACILITIES



30 faculty
buildings

10 students
residence houses

6 branches

CONGRESS HALL

- Concert hall – **1500 seating capacity**
- Multimedia rooms
- Press conference venue
- **Multimedia** equipment
- **Multi-language** broadcasting
- Satellite TV link-up



MEDIAPARK

- **Media Lab**
(Radio and TV broadcasting)
- Production center
- Design studio
- TV school
- Cartoon studio



DSTU FACILITIES

INDUSTRIAL CO-WORKING SPACE



- one-stop operation principle
- access to industrial laboratories
- project promotion support
- open-plan area
- mobile equipment and facilities
- ideas and experience exchange platform
- excellent environment for business development

25 small businesses

13 13 project teams
(9 with student participation)

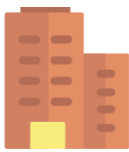


CAMPUS 4.0

SCIENTIFIC-EDUCATIONAL COMPLEX



1200
PLACES



23
FLOORS

NEW DORMITORIES



MAIN SCIENCE AREAS

RISK-ORIENTED TRANSFORMATION OF THE AG-INDUSTRIAL COMPLEX

- digitalization of agricultural land monitoring
- precision farming
- the Internet of things, cyber-physical systems and cloud services
- intelligent and self-driving means of agricultural mechanization

RATIONAL KAP PRODUCTION CYCLE

- biomanipulations, biocontrol, biologization of agriculture
- Green economy and sustainable development
- Deep processing of agricultural products
- Technologies and equipment for feed production

BIOLOGICAL AND MEDICAL ENGINEERING

- organic, individualized and functional food products
- nano- and biotechnologies
- additive technologies in medicine
- Prospective technologies and devices in medicine

DIGITAL TRANSFORMATION OF THE INDUSTRIAL COMPLEX

- the Internet of things, cyber-physical systems and cloud services
- equipment diagnostics and non-destructive testing
- Additive technologies and generative design
- Industrial robotic systems

RESOURCE-SAVING ENERGY

- alternative energy
- deep processing of hydrocarbon raw materials
- new energy source
- smart energy networks
- innovative methods of energy storage and recycling

CENTERS OF EXCELLENCE



CENTRE OF EXCELLENCE «ADVANCED ROBOTIC MACHINES AND COMPLEXES »

Machines for balancing flexible rotors development, high technology multi camera systems and unmanned aircraft for threat detection



CENTRE OF EXCELLENCE «ADVANCED MATERIALS»

Multi-layer composite materials for aircraft industry and medicine



RESEARCH LABORATORY «AGRO- BIOTECHNOLOGICAL CENTER»

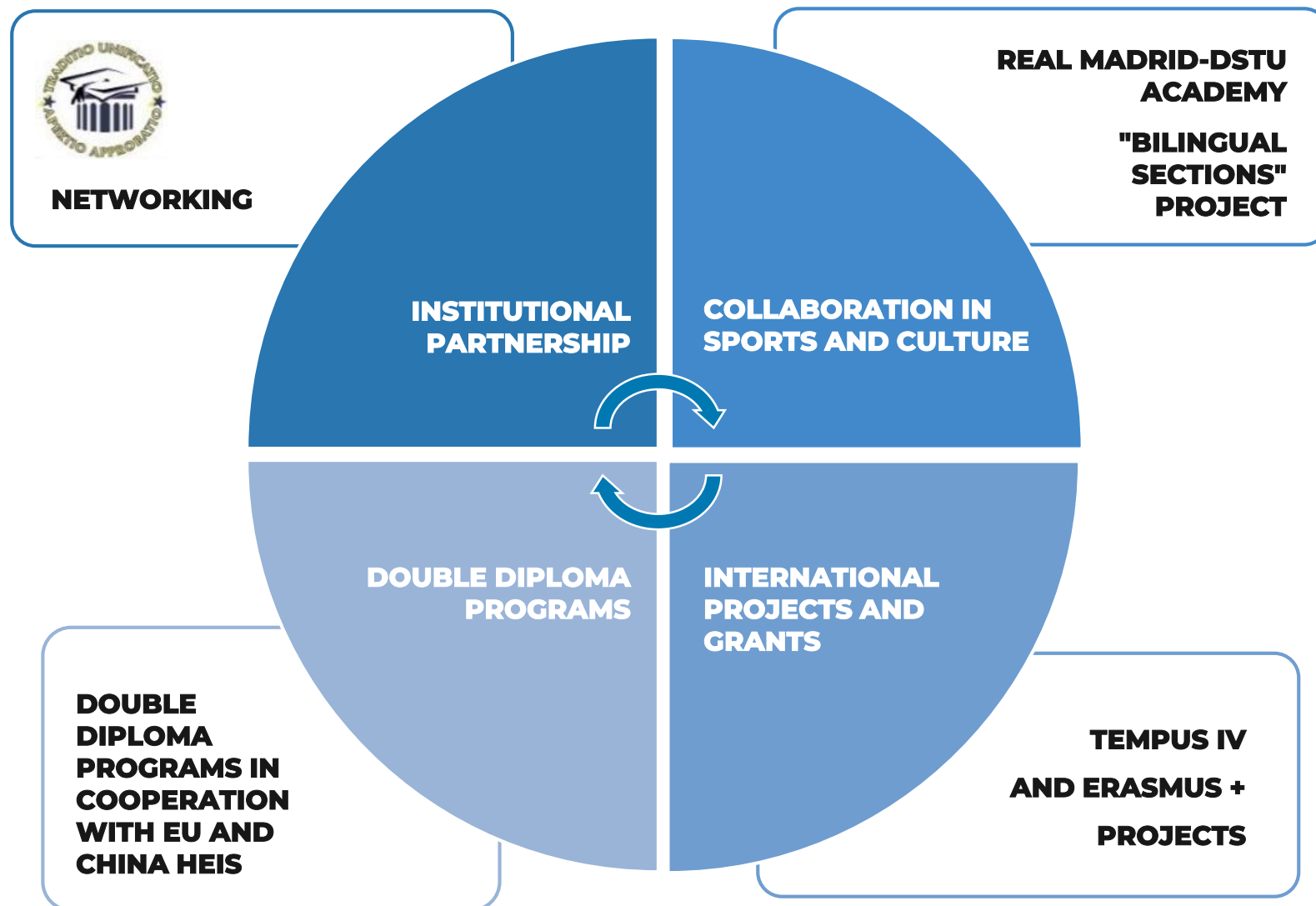
Veterinary probiotic drugs for targeted animal health modeling



Professor Mr. Mikhail Chikindas

**Head of research
laboratory «AGRO-
BIOTECHNOLOGICAL CENTER»,**
Scientist, Professor of Rutgers
University
(USA, New Jersey)

INTERNATIONAL COOPERATION



PARTNER COUNTRIES

EUROPE



ASIA



AFRICA

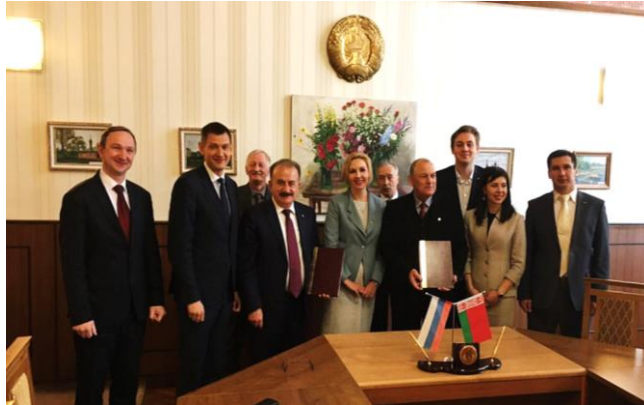


AMERICA



DSTU – BRAND PROMOTION

OUTREACH INTERNATIONAL EVENTS



IN-HOUSE INTERNATIONAL EVENTS

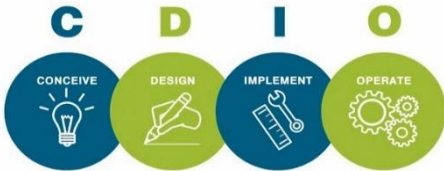


OFFICIAL VISITS AND DELEGATIONS



INSTITUTIONAL NETWORKING

THE CDIO INITIATIVE



(Conceive, Design,
Implement and Operate)
An innovative educational
framework for producing the
next generation of engineers



154
HEIs

42
countries

DSTU

coordinator of CDIO standards and principles dissemination

THE MAIN GOAL:

bringing authentic engineering challenges to inspire next
generation of engineers



Association of Sino-Russian Technical
Universities (ASRTU)
May 2016



Silk Road High-Tech Parks Alliance
June 2016



“SILK ROAD HIGH-TECH PARKS ALLIANCE”



5 July 2016

Yantai

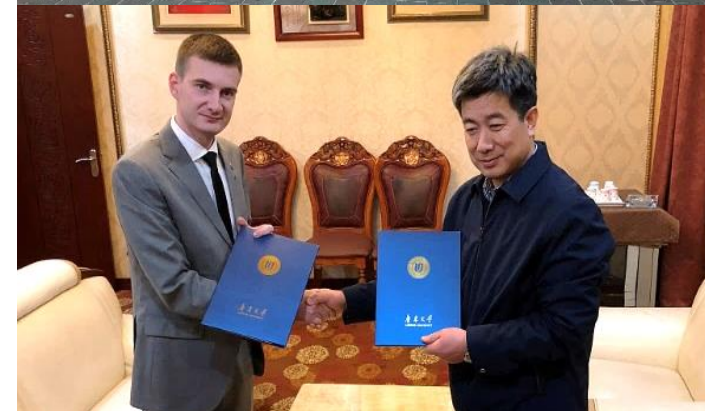
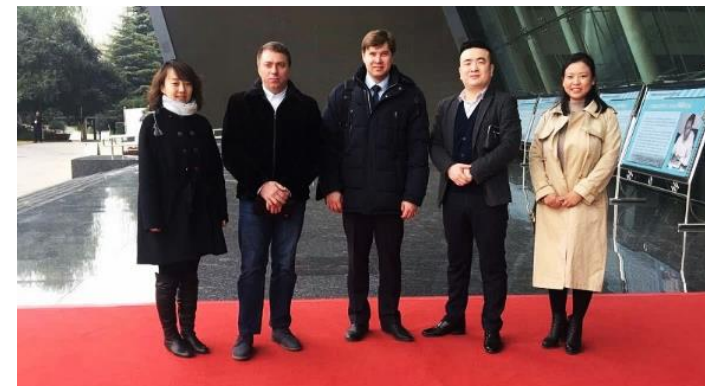
SILK ROAD HIGH-TECH PARKS ALLIANCE

Pact Signing
(SRSPA Pact)



JOINT PROJECTS

- **LIGHT INDUSTRY**
- **MEDIA COMMUNICATIONS AND MULTIMEDIA TECHNOLOGIES**
- **INDUSTRY AND E-COMMERCE**
- **AGRICULTURE AND FOOD INDUSTRY**
- **IT (JOINT LABORATORY)**



JOINT PROJECTS

1. RUSSIAN FOUNDATION FOR BASIC RESEARCH/NATIONAL NATURAL SCIENCE FOUNDATION OF CHINA

DSTU - Sino-Russian Hi-Tech Industrial Zone

3 grant applications:
biomedicine and additive
technologies



2. EUROPEAN COMMISSION PROGRAM ERASMUS+

University and enterprise networking
by spin-off model

- Sino-Russian Hi-Tech Industrial Zone
- China Agricultural University
- Ludong University, Yantai



Erasmus+



3. DOUBLE-DIPLOMA PROGRAMS



Yantai University

- technical means of fish farming
- agribusiness products processing and warehousing



Shandong Jiaotong University

- architecture and civil engineering
- transportation services



Shenyang Jianzhu University

- architecture and civil engineering

4. DON UNIVERSITY SJU-DSTU

Non-profit educational organization
Opening – **18.06.2019**

DON UNIVERSITY SJU-DSTU



18.06.2019

320

students per year

**JOINT EDUCATIONAL
PROGRAMS**

**СТРОИТЕЛЬСТВО
МОСТОВ И ТОННЕЛЕЙ**

**ORGANIZATION OF
TRANSPORTATIONS
AND TRANSPORT
MANAGEMENT**

**FINANCIAL
MANAGEMENT
(since 2020/2021)**

RUSSIAN AS A FOREIGN LANGUAGE TEXTBOOK FOR CHINESE STUDENTS



ZRENIE 2.0

GET IT ON
Google Play



Download on the
App Store



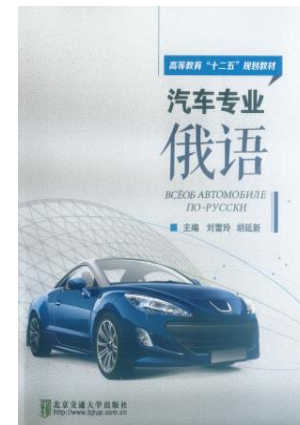
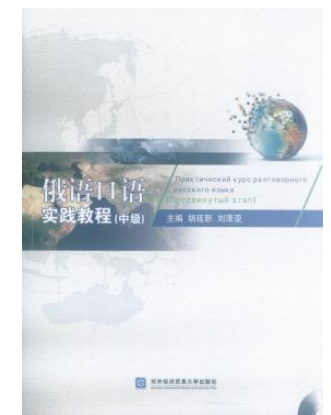
STU-DSTU PARTNERSHIP – SINCE 2004

joint project in the framework of Don Institute STU-DSTU

RUSSIAN AS A FOREIGN LANGUAGE TEXTBOOK FOR CHINESE STUDENTS



OTHER TEXTBOOKS AND STUDY GUIDES



RUSSIAN AS A FOREIGN LANGUAGE TEXTBOOK «Мы»

- communicative method
- cultural and country studies activities
- project work activities



ACADEMIC MOBILITY

LANGUAGE SUMMER SCHOOLS



teaching Chinese
students Russian
since **2004**



Russian students
learning Chinese
since **2006**

ENGINEERING SUMMER SCHOOLS

2015-2018 – Russian
language summer schools at
DSTU
(> 130 participants)



2014-2018 – Chinese
language summer schools at
STU
(> 120 participants)



ACADEMIC EXCHANGE PROGRAMS

5 p/term

Shenyang Polytechnic University

2 /year

Harbin Polytechnic University

6 p/term

Shandong Transport University

36 p/year

Shandong Transport University
summer school

FACTS AND FIGURES



11

agreements

24

partner
organizations



6

joint
educational
programs

3

annual
international
summer schools



349

Student
from China

51

foundation course

84

Bachelor's

44

Master's

8

PhD

160

Don University



ACADEMIC MOBILITY CHANNELS 2019-2020:

- AM programs monitoring
- outreach info sessions
- face-to-face sessions
- database of AM applicants

LANGUAGE ASSISTANTS - 28



VISITING PROFESSORS - 34

- Georgius Agricola - Czech Republic
- Munde, Supe - Spain
- DAAD - Germany
- Fulbright - the USA
- Cargill - Europe-Asia
- TU Wien - Austria
- Sorbonne-Identite, Campus France - France
- Griffith College Dublin - Ireland
- Glasgow Kelvin College ,
University of the West of Scotland - GB
- Stipendium Hungaricum - Hungary
- Mevlana - Turkey
- Shenyang University, Harbin University,
Shandong Jiaotong University- China

SUMMER SCHOOLS

TRANSPORT AND ROAD MANAGEMENT



**64
STUDENTS
FROM CHINA**

ENERGY SAVING



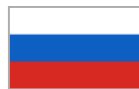
**18
STUDENTS
FROM GERMANY**

URBAN REDEVELOPMENT FOR HOSTING FIFA WC 2018



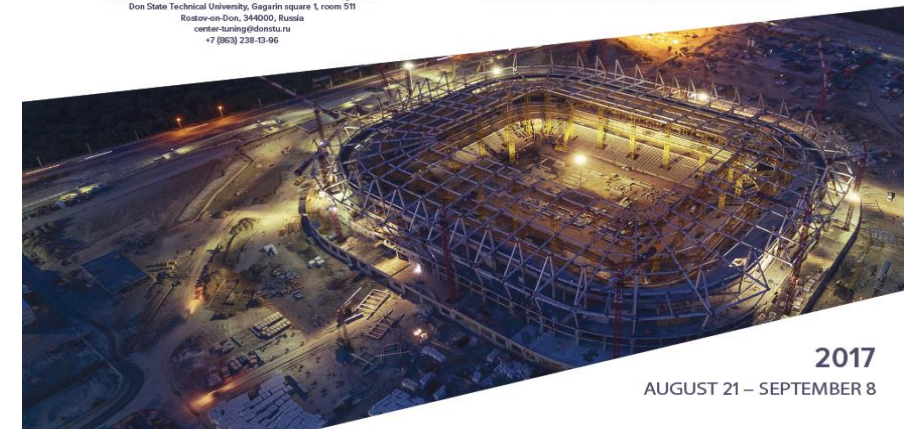
**9
STUDENTS
FROM THE UK**

SUMMER
CAMPS



SUMMER SCHOOL COORDINATORS
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Rostov-on-Don, 344000, Russia
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+7 (863) 238-13-96

International Summer School
URBAN REDEVELOPMENT FOR HOSTING
FIFA WORLD CUP 2018 IN ROSTOV-ON-DON



2017
AUGUST 21 – SEPTEMBER 8

SUMMER SCHOOLS

INTERNATIONAL STUDENTS' MEDIA EXPEDITIONS «ROUTES OF THE QUITE DON»



SUMMER SCHOOLS OF LANGUAGE+ MODEL

«RENEWABLE ENERGY SOURCES AND GREEN TECHNOLOGIES»



«TRANSPORTATION ORGANIZATION AND AUTO TRANSPORT MANAGEMENT»



«URBAN PLANNING AND RECONSTRUCTION: FIFA WORLD CUP»



INTERNATIONAL EDUCATION

PREPARATORY PROGRAMS / INTERNATIONAL FACULTY:

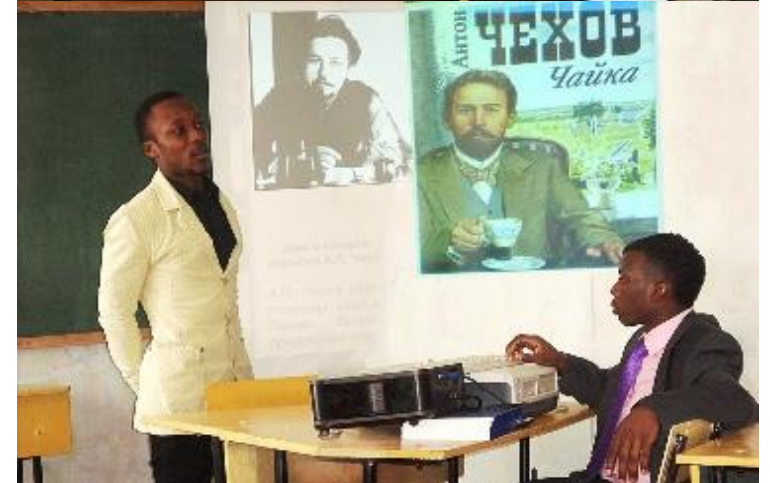


COURSES

- RFL courses
- International Summer schools
- Russian for business and entrepreneurship
- Module-based Russian language study programs

TORFL

- National certificate/6 levels



EUROPEAN DIPLOMA SUPPLEMENT

Diploma Supplement follows the model developed by the European Commission, Council of Europe and UNESCO/CEPES. The purpose of the supplement is to provide sufficient independent data to improve the international 'transparency' and fair academic and professional recognition of qualifications (diplomas, degrees, certificates etc.).

DS is issued by the Center of Evaluation of Educational Documents of Don State Technical University and enables our graduates to continue their education or start career in any of European Higher Education Area countries.



SOCIAL LIFE

STUDENT HEALTH AND SPORTS COMPLEX «RADUGA»

4 residences **1500** person holding capacity

5 sports fields **700** seat conference room



DSTU-REALMADRID ACADEMY

Project overview

- promotion of civil responsibility, tolerance and social activity
- Real Madrid methodical support, coach and manager training
- regional sports infrastructure development



STUDENT SPORT

36

student sports
teams

TEAMS:

football
track-and-field athletics
basketball
handball
cheerleading for
both kids and adults, etc.



TECHNOPARK “QUANTORIUM” FOR CHILDREN



FIELDS:

- aeroquantum
- bioquantum
- IT-quantum
- roboquantum
- energyquantum
- industrial design
- hi-tech cluster

MAIN AIM:

to train future engineers and to unravel talented children by their creative work in the field of science and technology.



DSTU FACILITIES

CONVENTION AND EXHIBITION CENTER “DON COSSACK GUARD”



400+
exhibition
showpieces

27
years spent on
collection creation

30
complete set of
historical uniforms
and equipment

20 000
photos in the center
archives

MAPPING FURTHER COOPERATION

CONTACTS

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**International Partnership
and Protocol Centre**
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dstu_oms@mail.ru
cipp@donstu.ru



- Russian language module study programs for all age groups and purposes
- R&D and spin-off companies for implementation of joint research
- promotion platform for regional academic and business collaboration
- creation of joint educational programs based on the "university-business" model, including upgrade-courses and MBA/MPA programs
- technical expertise, consulting, project management
- academic mobility programs
- MICE-services: organization and holding of intercultural events, forums, workshops, show-rooms and others



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DON
STATE
TECHNICAL
UNIVERSITY

**THANK YOU FOR YOUR
ATTENTION!**

www.donstu.ru

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