



FSAEI FPE  
Academy for  
standardization,  
metrology and  
certification



РОССТАНДАРТ  
Федеральное агентство  
по техническому регулированию  
и метрологии

# RUSSIAN-CHINESE COOPERATION IN THE FIELD OF PROFESSIONAL EDUCATION ON STANDARDIZATION, METROLOGY AND CERTIFICATION

**Dr. Vladimir VORONIN**

Rector

Psy.D., Professor

Chairman TC 382/ITC 549



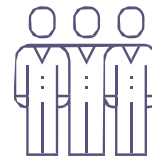
# ROSSTANDART ACADEMY IS 50 YEARS OLD

## The aim of the Academy

is to meet needs of the society and the state in qualified specialists, as well as employees of the Rosstandart system and specialists of various sectors of the economy in obtaining knowledge about the latest achievements in the field of technical regulation, standardization, metrology and management systems.

1 000+

employees



800000+

students



5 000+

foreign students



12

branches



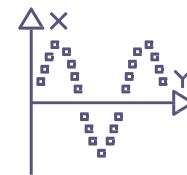
30

buildings



16

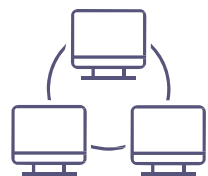
departments  
in Moscow



100+

educational  
programs

# EDUCATIONAL PROGRAMS



## Types of training

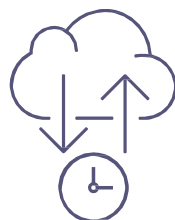
PROFESSIONAL RETRAINING

FURTHER TRAINING

TRAININGS AND SEMINARS

DISTANCE LEARNING

POSTGRADUATE EDUCATION



## Fields of education

TECHNICAL REGULATION

STANDARDIZATION

METROLOGY

CONFORMITY ASSESSMENT, COMPLIANCE  
TESTING

MANAGEMENT SYSTEMS

METROLOGICAL SUPPORT

PRODUCT QUALITY CONTROL

NON-DESTRUCTIVE TESTING

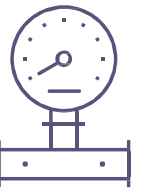
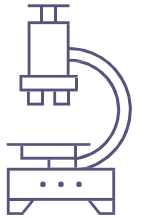
ENVIRONMENTAL MANAGEMENT

VERIFICATION AND CALIBRATION OF MEASURING  
INSTRUMENTS

METHODS AND MEANS OF METROLOGICAL  
ASSURANCE OF NANOTECHNOLOGY AND  
ANALYTICAL CONTROL

# STRATEGIC DEVELOPMENT OBJECTIVES

- To ensure quality of educational environment in the field of technical regulation and metrology
- To provide the level of quality of specialists in the field of technical regulation and metrology to meet modern and advanced requirements of equipment and economy
- To ensure the unity of scientific and organizational and methodological approaches in training, retraining and advanced training of specialists in the field of technical regulation and metrology
- To harmonize professional, educational and national standards in regard to personnel competence requirements
- To create a system for monitoring the needs and satisfaction of the labor market in specialists in technical regulation and metrology



# INTERNATIONAL COOPERATION





# INTERNATIONAL COOPERATION



# COOPERATION WITH HEILONGJIANG INSTITUTE OF STANDARDIZATION

Since the signing of the cooperation agreement between the Academy and Department of quality and technical control of Heilongjiang Province, 2 delegations from the Institute of Standardization of Heilongjiang Province have successfully completed training sessions on the programs: "Modern Standardization Issues" in Khabarovsk.

2

DELEGATIONS



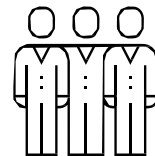
85

STUDING HOURS



10

CHINEESE  
SPECIALISTS



# COOPERATION WITH HEILONGJIANG INSTITUTE OF STANDARDIZATION

Moscow – Saint-Petersburg, Russia,  
August, the 26<sup>th</sup> – September, 9<sup>th</sup> 2018

Delegation of Department of quality and  
technical control of Heilongjiang Province

Further education program

Moscow

Contemporary Standardization Issues

Saint-Petersburg

Training session

Content analysis and the role of the  
standardization policy of the Russian  
Federation





# EDUCATIONAL COOPERATION OF THE ACADEMY WITHIN FRAMEWORKS OF PERMANENT RUSSIAN-CHINEESE WORKING GROUP

Saint-Petersburg, Russia,  
November, the 7<sup>th</sup>, 2019



**POLYTECH**

Peter the Great  
St. Petersburg Polytechnic  
University

TRAINING WORKSHOP ON STANDARDIZATION  
(SESSION FOR CHINEESE STUDENTS IN RUSSIA)

ISSUES OF STANDARDIZATION AND METROLOGY,  
DESIGN OF CYBER-PHYSICAL SYSTEMS AND  
PRODUCT LIFE CYCLE ON THE BASIS OF THE  
UNIFIED SYSTEM FOR DESIGN DOCUMENTATION  
AND THE UNIFIED SYSTEM FOR TECHNOLOGICAL  
DOCUMENTATION.

CURRENT ISSUES OF TECHNICAL REGULATION  
AND STANDARDIZATION

# STEPS TO PROCEED FURTHER

## COOPERATION

Cooperation agreement between Academy and the Metrological Institute of Jilan University as part of the meeting of the Permanent Russian-Chinese Working Group on Standardization, Metrology, Certification and Inspection



2019

2020

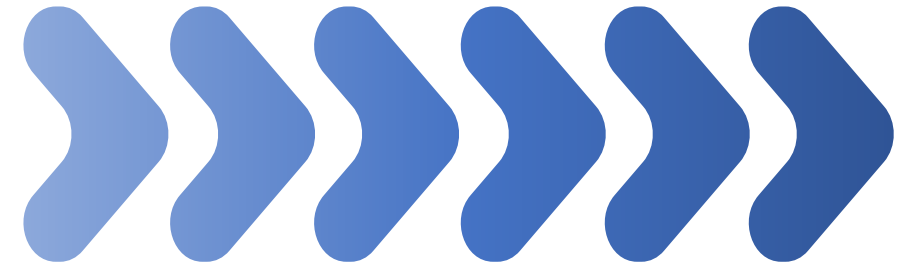


## TRAINING

Training sessions for the Academy and St. Petersburg Polytechnic State University staff at the Metrological Institute of Jilan University.

## SCIENCE

Scientific seminar for Russian and Chinese young scientists on standardization, metrology, certification hosted by the Academy



2021



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