



## **Russian-Chinese Week of Science and Innovation 2020**

**October 12th-16th, 2020**

**Kazan, Russia**

### **The First Announcement**

#### **DEAR COLLEAGUES,**

In 2020 Kazan National Research Technical University named after A.N. Tupolev-KAI (KNRTU-KAI), Kazan, Russia, as part of the ongoing cross year of interregional cooperation between Russia and China, conducts in Kazan a series of international scientific events, united by a common theme "Russian-Chinese Week of Science and Innovation".

Russia and China are the leading world powers whose bilateral relations have recently received a new impetus for development, including in the field of scientific and technical cooperation. Russia and China are actively showing mutual interest in the scientific potential in such modern areas as Additive Technology, Quantum Technology, Advanced Materials, Aircraft and Helicopter Engineering, etc. Scientific events are designed to further intensify exchanges between Russian and Chinese colleagues in order to further promote cooperation in relevant areas. In addition, within the framework of this week of science and innovation, scientific and methodological issues related to the training of highly qualified personnel and cooperation in the field of joint innovations in education, research and production will be considered.

**Number of Participants:** 500

**Working Languages:** English, Russian

**Target Audience:** representatives of the Russian and Chinese Academy of Sciences, Russian and Chinese Academy of Education, leading research centers and universities of Russia and China, socially responsible business with an interest in joint Russian-Chinese projects, students and PhD students of Russian and Chinese universities.

#### **Events of «Russian-Chinese Week of Science and Innovation» in Kazan**

1. Sino-Russian ASRTU Symposium on Advanced Materials and Processing Technology

2. Forum of Young Scientists on Advanced Materials and Processing Technology
3. Conference on Quantum Technology
4. Russian-Chinese Forum on Helicopter Technology
5. Conference «Engineering Education of the Future: A New Paradigm»
6. Follow-Up Meeting of ASRTU Coordinators (only for ASRTU members!)

### **STEERING COMMITTEE**

#### **Co-organizers:**

- Ministry of Science and Higher Education of the Russian Federation
- Government of the Republic of Tatarstan
- Russian Foundation for Basic Research
- Association of Sino-Russian Technical Universities
- Kazan National Research Technical University named after A.N. Tupolev-KAI, Kazan, Russia
- Bauman Moscow State Technical University, Moscow, Russia
- Harbin Institute of Technology, Harbin, P.R. China

#### **Host party:**

- Kazan National Research Technical University named after A.N. Tupolev-KAI, Kazan, Russia

### **FORMAT OF EVENTS**

Plenary speeches, work in sections according to the sections of scientific events, discussion of reports. First of all the participants in the events are supposed to be representatives of Russian and Chinese universities involved in research in the framework of the announced research areas.

Based on the results of scientific events, proceedings will be published for each event.

### **FINANCIAL TERMS FOR THE PARTICIPANTS**

#### Invited lecturers

Host takes travel, hotel, transfer (airport/train station – hotel – airport/train station), meal, cultural program and local transportation expenses for the time of the Russian-Chinese Week.

#### Chinese

Host takes hotel, transfer (airport/train station – hotel – airport/train station), coffee breaks, cultural program and local transportation expenses for the time of the Russian-Chinese Week.

Travel expenses are covered by the participants.

## Russians

Host takes transfer (airport/train station – hotel – airport/train station), coffee breaks, cultural program and local transportation expenses for the time of the Russian-Chinese Week.

Travel and hotel expenses are covered by the participants.

For reference: the cost of a hotel room in Kazan is approximately 3,500 (standard) to 6,500 (lux) rubles per day.

### **PROGRAM OF EVENTS**

<b>Date</b>	<b>Activity</b>	<b>Comments</b>
<b>October 12<sup>th</sup>, 2020</b>	Arrival of the participants	
<b>October 13<sup>th</sup>-14<sup>th</sup>, 2020</b>	Sino-Russian ASRTU Symposium & Forum of Young Scientists on Advanced Materials and Processing Technologies	1. Materials Science and Technology. 2. Mathematical Modelling 3. Modern methods for materials science teaching 4. Forum of Young Scientists
	Conference on Quantum Technology	1. Quantum communication and computing. 2. Quantum optics and spectroscopy. 3. Nanooptics, component base of quantum technologies, quantum sensors.
	Second Forum on Helicopter Technology	1. Construction and design of rotary wing aircrafts. 2. Strength of rotary wing aircrafts. 3. Aerodynamics and aeroacoustics of rotary wing aircrafts. 4. Unmanned rotary wing aircrafts.
	Conference on Engineering Education of the Future: A New Paradigm	1. Implementation of joint educational programs: experience and models of interaction 2. Digital Transformation of Education 3. Modern technologies and trajectories practice-oriented education
	Follow-Up Meeting of ASRTU Coordinators	For ASRTU members only
<b>October 15<sup>th</sup>, 2020</b>	Excursions	
<b>October 16<sup>th</sup>, 2020</b>	Departure of Participants	

## **REGISTRATION OF PARTICIPANTS**

Representatives of Russian and Chinese universities for participation in the events of the “Russian-Chinese Week of Science and Innovation 2020” must fill out and send the registration form (<https://kai.ru/rcweek2020>) to the Steering Committee before **June 15<sup>th</sup>, 2020**.

## **CONTACT INFORMATION**

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