



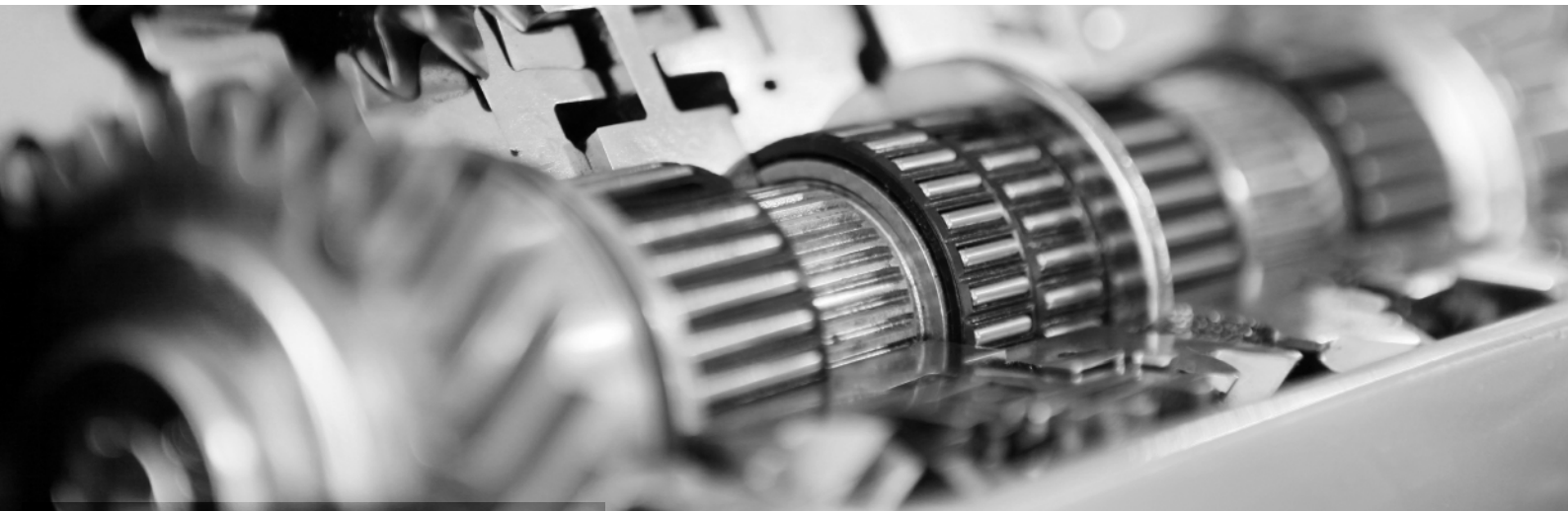
# 5th Students International Olympiad on MECHANISM AND MACHINE SCIENCE

19-21 May, 2021, Izhevsk, Russia

**SIOMMS 20/21**  
<http://siomms-2020.istu.ru>



Kalashnikov Izhevsk State Technical University (ISTU) is pleased to invite university teams to participate in the Students International Olympiad on Mechanism and Machine Science (SIOMMS) that will be held on 19-21 May, 2021. This fifth global Olympiad will be arranged following the decision of the Executive Council of International Federation for the Promotion of Mechanism and Machine Science (IFTOMM).



## PROBLEM TOPICS

- Structural analysis and synthesis of mechanisms
- Kinematics of coplanar mechanisms
- Force analysis of mechanisms
- Cam mechanisms
- Gearing (kinematics, geometry, efficiency)
- Adjustment of dynamic characteristics, mechanical governors
- Balancing

## LANGUAGE

The language of the Olympiad is English.

## TEAMS

Teams consisting of 3 bachelor or master students and 1 or more tutors are invited to take part in the Olympiad. Each university may send only one team. The choice of students for each university team should be made on the basis of its own local selection competition.

## LOCAL ORGANIZING COMMITTEE

### Kalashnikov Izhevsk State Technical University

V. Grakhov (Honorable Chair)	E. Krylov (Chair)
A. Gubert	A. Ryabchikov
Y. Brysgalov	S. Kugultinov
S. Deviaterikov	N. Barmina

## SCIENTIFIC COMMITTEE

E. Krylov (Chair), Russia	E. Trubachev
F. Gao, China	G. Timofeev, Russia
Y. Takeda, Japan	M. Ceccarelli, Italy
A. Kecskemethy, Germany	C. Castejón, Spain
P. Flores, Portugal	B. Corves, Germany
E.-C. Lovacz, Romania	J. Rodriguez, Perú
O. Egorova, Russia	D. Elías, Perú

## CONTACT PERSON

**Eduard Krylov**

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## REGISTRATION FEES

The registration fee is 200 USD for each participant, which covers the participation in the Olympiad, accommodation in the Kalashnikov ISTU campus hotel, meals and social program. The payment will be detailed on the website.

## IMPORTANT DATES

Submission of electronic application form: **31 March, 2021.**  
Registration fee payment: **31 March, 2021.**

## APPLICATION

The application should be made via website.

## TRANSPORTATION

Izhevsk is situated in the western part of the Middle Urals – 1,129 km eastwards from Moscow.

The most commonly used ways to get to Izhevsk are railway and air transport.

Most international flights arrive at two main Moscow airports – Sheremetyevo and Domodedovo.

The best way to get from the airport to Kazansky railway station (where the train to Izhevsk can be taken) or between the two airports – aeroexpress + subway. Taxi cars are rather expensive and traffic jams can cause the delay.

You can take a direct flight from Domodedovo airport to Izhevsk by Izhavia air company (2 flights daily).

There is a daily train «Moscow – Izhevsk – Moscow».