

## SPONSORS

The Workshop is supported by the Russian Foundation for Basic Research under project 18-01-20012.

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- IFAC TC 2.4. Optimal Control

### Co-sponsoring TCs:

- TC 1.1. Modelling, Identification and Signal Processing
- TC 2.1 Control Design
- TC 2.3 Non-Linear Control Systems
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Russian Federal Nuclear Center – Zababakhin All-Russian Scientific Research Institute of Technical Physics (RFNC–VNIITF), Snezhinsk, Russia

## LOCATION & VENUE

Yekaterinburg is the fourth-largest city in Russia and the administrative center of Sverdlovsk Oblast, located on the border of Europe and Asia. It has a population of about 1.4 mln.

The Workshop is planned to take place at conference halls of the Oktyabrskaya Hotel (17 S. Kovalevskaya Str., Yekaterinburg, Russia).

The Oktyabrskaya Hotel is the most convenient accommodation for participants. The Hotel offers a special discount to participants of CAO 2018. Please visit the Workshop web site for details.

For information on other hotels please consult *trivago*, *Booking.com*, *TripAdvisor* etc.

## IMPORTANT DEADLINES (Updated)

- Initial paper submission (*firm deadline*): **June 5, 2018**
- Notification of acceptance: **July 20, 2018**
- Final paper submission: **August 6, 2018**
- Early registration: **September 5, 2018**

## REGISTRATION FEES

- Early registration fee: **€200,00**
- Late registration fee: **€300,00**
- Student registration fee: **€100,00**

The registration fee includes: admission to all sessions, electronic proceedings, program and abstracts volume, refreshments during the conference and the workshop dinner (except student registration).

## ORGANIZER



The Workshop is organized by the Krasovskii Institute of Mathematics and Mechanics of the Ural Branch of the Russian Academy of Sciences (IMM UB RAS), Yekaterinburg, Russia

[www.imm.uran.ru](http://www.imm.uran.ru)

## CONTACTS

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<http://cao2018.uran.ru>



## Second Announcement



## 17th IFAC Workshop on Control Applications of Optimization

# CAO 2018

**October 15–19, 2018**  
**Yekaterinburg**  
**Russian Federation**

[cao2018.uran.ru](http://cao2018.uran.ru)

## SCOPE

CAO 2018 is the serial 17th workshop of the IFAC Technical Committee on Optimal Control (TC 2.4). One of the main goals of the workshop is to bring together researchers and engineers, applied economists and environmental scientists, and to give an up to date view of the major applications of optimization for control purposes and for decision making in economy and industry.

Original papers covering a broad spectrum of topics in Control Applications of Optimization are expected, see also <http://cao2018.uran.ru>

The working language of the Workshop is English.

The program of the Workshop is planned to include 60-minute invited lectures, 40-minute plenary talks and 20-minute regular talks.

## INVITED SPEAKERS

The list of keynote invited lectures includes:

- *“Infinite-Horizon Optimal Control. Some Recent Advances and Applications in Economic Growth Theory”* by **Sergey M. Aseev**, Professor, Dr., Corresponding Member of RAS (Steklov Mathematical Institute of the Russian Academy of Sciences, Moscow, Russia, and International Institute for Applied Systems Analysis, Laxenburg, Austria);
- *“Optimal Motions of Bodies Controlled by Internal Moving Masses”* by **Felix L. Chernousko**, Professor, Dr., Academician of RAS (Ishlinsky Institute for Problems in Mechanics of the Russian Academy of Sciences, Moscow, Russia);
- *“Probabilistic Uncertainty in Differential Games and Control”* by **Marc Quincampoix**, Professor, Dr. (Laboratoire de Mathématiques de Bretagne Atlantique, Université de Brest, France).

## PAPER SUBMISSION

All papers and session proposals should be submitted electronically using the PaperPlaza Conference Manuscript Management System:

<https://ifac.papercept.net>

Each manuscript should be accompanied with an abstract in plain text not exceeding 2250 characters. Accepted papers must comply with standard IFAC conference format and must not exceed 6 two-column pages.

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Co-Chair: Prof. Corr. Memb. of RAS N. Lukoyanov

Vice-Chair from Industry: Prof. M. Kozmanov

NOC members: I. Kandoba, Yu. Averboukh, B. Digas, A. Plaksin, D. Serkov, P. Surkov.

### International Program Committee (IPC)

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