

The First Call for Papers

The 7th International Conference on
Optimization Problems and Their Applications
(OPTA-2018)

Omsk, Russia

July 8 - 14, 2018

<http://opta18.oscsbras.ru/en/>

The conference is organized by:

Russian Operational Research Society
Omsk Scientific Center SB RAS
Sobolev Institute of Mathematics SB RAS
Higher School of Economics, Nizhny Novgorod
Omsk F.M. Dostoevsky State University
Krasovskii Institute of Mathematics and Mechanics Ural Branch of RAS
Siberian State Automobile and Highway University
Institute of Economics and Industrial Engineering SB RAS

OPTA-2018 is the 7th conference on optimization problems and their applications organized in Omsk. In year 2018, the conference will be devoted to the memory of Professor Alexander Kolokolov who chaired the organizing committee in years 1997- 2015 when the conference was named "Optimization Problems and Economical Applications". The main purpose of the conference is to provide a forum where researchers can exchange ideas, identify promising research directions and application domains, and foster new collaborations. English and Russian are the working languages of the conference.

Main Topics

- Mathematical programming
- Discrete optimization
- Operations research
- Optimization problems in data analysis, machine learning and pattern recognition
- Applications of optimization methods in economics, management, design, biology, data analysis and education
- Metaheuristics and local search methods
- Parallel computations to speed up the solution of optimization problems

Important Dates

Abstracts submission: January, 15, 2018

Papers submission: February, 1, 2018

Notification of acceptance of talks: March, 1, 2018

Notification of acceptance of papers to proceedings: March, 15, 2018

Camera ready version: April, 1, 2018

Payment of the registration fee: April, 1, 2018

Conference dates: July 8 - 14, 2018 (arrival July, 8, departure July, 14)

Conference Abstracts

Conference abstracts can be in Russian or English. The abstracts should be prepared in LaTeX, using the same style as the full papers for proceedings (see below), but without the “abstract” environment. The size of an abstract is limited to one page. An example of abstract formatting is provided on the conference web site:

<http://opta18.oscsbras.ru/en/#abstract>

Decisions regarding acceptance of talks for oral presentation at the conference will be made by the Program Committee on the basis of abstracts. Abstracts that do not fit the conference scope or do not adhere to the formatting requirements may be rejected. Accepted talks will be included into the conference program if at least one author pays the conference fee.

Conference Proceedings

Pre-conference proceedings will be published in English (peer reviewed, referenced in Scopus database), presumably in Springer series "Communications in Computer and Information Science". All proceedings papers must be prepared by Springer rules for the LNCS:

<http://www.springer.com/computer/lncs?SGWID=0-164-6-793341-0>

The following two options are acceptable for proceedings papers:

- Regular paper, 10–14 pages;
- Short communication, 6–8 pages.

The proceedings papers should present new unpublished results. Decisions on acceptance of papers to the proceedings will be made by the

Program Committee on the basis of evaluations of reviewers.

Submissions and Registration

Both LaTeX and pdf-files of the abstracts should be sent via e-mail to the address of the Organizing Committee opta2018@yandex.ru . Authors willing to submit a proceedings paper following an abstract, should mention this in the e-mail with the abstract.

The papers for proceedings will be submitted by the EasyChair system:

<https://easychair.org/conferences/?conf=opta2018>

Regular registration fee: 5000 rub. (approximately \$85 at current rate)

Student registration fee: 3000 rub. (approximately \$50 at current rate)

Contacts of the Organizing Committee

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Co-Chairs of the Program Committee

Anton Eremeev, Mikhail Khachay, Yuri Kochetov and Panos Pardalos