

Topical Issue on **Applied Optimization**



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DESCRIPTION

This thematic special issue in [Open Computer Science](http://www.opencomputerscience.com) contains selected papers concerning theory, methods and tools for solving various optimization problems arising in practice. Papers should either contain a significant contribution to optimization theory and methods or present an interesting practical case study.

The topics of this special issue include, but are not limited to:

- mathematical programming
- global optimization
- discrete optimization
- optimal scheduling
- optimal control
- variational analysis
- optimization in machine learning, neural networks and deep learning
- black-box optimization
- high-performance optimization
- applications to various fields including but not limited to: chemistry, bio-informatics, medicine, engineering, robotics, logistics, production planning, economical models

The authors are requested to submit their research papers complying with the general scope of the journal. The submitted papers will undergo peer review process before they can be accepted. Notification of acceptance will be communicated as we progress with the review process.

HOW TO SUBMIT

Before submission authors should carefully read the Instruction for Authors:

www.degruyter.com/view/supplement/s22991093_Instruction_for_Authors.pdf

Manuscripts can be written in TeX, LaTeX (strongly recommended) - the journal's [LATEX template](http://www.degruyter.com/view/supplement/s22991093_LaTeX_template.pdf). Please note that we do not accept papers in Plain TEX format. Text files can be also submitted as standard DOCUMENT (.DOC) which is acceptable if the submission in LATEX is not possible. **For an initial submission, the authors are strongly advised to upload their entire manuscript, including tables and figures, as a single PDF file.**

All submissions to the Topical Issue must be made electronically via online submission system Editorial Manager:
www.editorialmanager.com/opencs/

All manuscripts will undergo the standard peer-review procedure (single blind, at least two independent reviews). When entering your submission via online submission system please choose the article type “*TI on Applied Optimization*”.

Submissions to the Topical Issue are now open !!!

Individual papers will be reviewed and published online on an ongoing basis.

Important Dates (approx.):

Deadline for submissions: July 15, 2019

1st round of acceptance notification: October 15, 2019

Submission of revised papers: November 30, 2019

2nd round of acceptance notification: January 10, 2020

Publication online: February, 2020

Contributors to the Topical Issue will benefit from:

- **NO submission and publication FEES**
- **indexation by Clarivate Analytics - Web of Science (ESCI) and Elsevier - SCOPUS**
- fair and constructive peer review provided by experts in the field
- **no space constraints**
- convenient, web-based paper submission and tracking system – Editorial Manager
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- fast online publication upon completing the publishing process
- better visibility due to **Open Access**
- **long-term preservation** of the content (articles archived in Portico)
- extensive post-publication promotion for selected papers

We are looking forward to your submission!

In case of any question please contact **Dr. Mikhail Posypkin** (lead Guest Editor, mposypkin@gmail.com) or **Dr. Justyna Żuk** (Managing Editor of Open Computer Science, Justyna.Zuk@degruyter.com).