

## Special Issue

# Optimization Techniques, Algorithms, Applications for Cloud and Edge/Fog Computing Environments

### Message from the Guest Editors

We invite you to submit your latest research in the area of the development of optimization algorithms and their applications to this Special Issue, "Optimization Techniques, Algorithms, and Applications for Cloud and Edge/Fog Computing Environments". Edge–cloud–fog systems are very complex, and the use of different approaches in their design, development, and operational processes is inevitable. We are looking for new and innovative approaches for solving optimization problems arising in cloud, edge, and fog computing. High-quality papers are solicited to address both theoretical and practical issues of optimization algorithms. Submissions are welcome both for traditional optimization techniques and new applications for cloud, edge, and fog computing. Potential topics include but are not limited to single-criterion and multicriteria optimization problems, as well as problems arising in emerging applications, such as healthcare, smart manufacturing, smart agriculture, logistic, transport, web services, energy management, and smart home and city.

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### Guest Editors

Prof. Dr. Yuri N. Sotskov  
Prof. Dr. Andrei Tchernykh  
Prof. Dr. Frank Werner

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### Deadline for manuscript submissions

closed (15 March 2024)



## Algorithms

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## About the Journal

### Message from the Editor-in-Chief

*Algorithms* are the core of computational mathematics and computer science. The whole area has been considered from different perspectives, which has led to the development of several sub-communities. The aim is to bring together researchers and practitioners from different areas of computational mathematics and computer science and to offer a platform for interdisciplinary applications in different areas of science and technology. In this way, *Algorithms* may become a forum for the exchange of new stimulating ideas between the different sub-communities working in the area of algorithms and their applications and the presentation of high-quality novel algorithmic approaches.

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### Editor-in-Chief

Prof. Dr. Frank Werner

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