

Special Issue

Parallel String Matching Algorithms and Applications

Message from the Guest Editors

We are glad to announce the upcoming Special Issue dedicated to parallel string-matching algorithms and applications. With the recent advances in big text data processing and applications, this Special Issue aims to provide a comprehensive view of the efficient design and implementation of string-matching algorithms for parallel and distributed computing environments (such as multicores, manycores, clusters, CPU/GPUs, grids, p2p, and clouds). We invite researchers and professionals to submit theoretical or practical contributions that aim to present ideas, techniques, and results of parallel computing in all aspects of string matching and related applications (exact/approximate string matching, single/multiple string matching, 2D string matching, and compressed string processing). Manuscripts that focus on research of sequential string-matching algorithms are welcome. Both original research and comprehensive review/survey papers are also welcome.

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Deadline for manuscript submissions

closed (31 December 2019)



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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.

Editor-in-Chief

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