
Call for Papers
Discrete Applied Mathematics
**Special Issue: XI Latin–American Algorithms,
Graphs, and Optimization Symposium (LAGOS 2021)**

Following the tradition of LAGOS, a special issue of *Discrete Applied Mathematics* will be dedicated to **LAGOS 2021**. All interested researchers are invited to contribute to this special issue.

The topics should relate to the themes of the conference:

- Algorithms and Complexity: algorithms and computational complexity; approximation algorithms; randomized algorithms; computational geometry; parameterized complexity
- Operations Research and Mathematical Programming: combinatorial optimization; integer programming; polyhedral combinatorics; operations research and management science
- Graph Theory: cliques, dominating and independent sets; colorings; covering and packing, factorization, matching; digraphs, tournaments; graph algorithms; graphs and matrices; hypergraphs; perfect graphs; random graphs; structural characterization of graph classes
- Applications to real-world problems: mathematical programming, combinatorial optimization, continuous optimization, heuristics, and metaheuristics

Submissions of contributions not presented at the symposium are also welcome.

If your contribution was presented at the symposium, the full version article should differ substantially from the extended abstract published in *Procedia Computer Science* (e.g., proofs of the results, further results, etc., can be added). All articles will be thoroughly refereed according to the high standards of *Discrete Applied Mathematics*.

Guide for authors can be found at:

<https://www.elsevier.com/journals/discrete-applied-mathematics/0166-218x/guide-for-authors>

Full papers must be submitted through the Elsevier Editorial Manager System. Please see the Author Instructions on the Journal website if you have not yet submitted a paper through this web based system. When submitting your paper, be sure to specify that the paper is a contribution for the special issue by selecting the article type **LAGOS 2021**.

The deadline for submissions is **January 31, 2022**.

Accepted papers will be published online individually, before print publication.

We are looking forward to receiving your contribution.

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