

### Editor-in-Chief

Prof. Dr. Kazuo Iwama  
School of Informatics  
Tel. +81 75 753 5372  
E-Mail: iwama@kuis.kyoto-u.ac.jp

### Editorial Board

Adnan Aziz (USA), Francesco Bergadano (Italy), Tom Burr (USA), Costas Busch (USA), Gruia Calinescu (USA), Xiaowen Chu (Hong Kong), Adrian Dumitrescu (USA), Henning Fernau (Germany), Dimitris Fotakis (Greece), Paul M. Goggans (USA), Mohammad Taghi Hajiaghayi (USA), Wilmar Hernandez (Spain), Jesper Jansson (Japan), Alexis Kaporis (Greece), George Karakostas (Canada), Hans Kellerer (Austria), Spyros Kontogiannis (Greece), Evangelos Kranakis (Canada), Tak-Wah Lam (Hong Kong), Giuseppe Lancia (Italy), Pierre Leone (Switzerland), Chin Lung Lu (Taiwan), Stefano Mariani (Italy), Andrzej Pelc (Canada), Roman R. Poznanski (Malaysia), Teresa M. Przytycka (USA), Sergio Rajsbaum (Mexico), Joel Ratsaby (Israel), Cenk Sahinalp (Canada), Alberto Marchetti Spaccamela (Italy), Kenji Suzuki (USA), Tadao Takaoka (New Zealand), Christino Tamon (USA), Takeshi Tokuyama (Japan), Lusheng Wang (Hong Kong), Yu Wang (USA), Prudence W. H. Wong (UK), Raphael Yuster (Israel) and Louxin Zhang (Singapore)

### Facts about the MDPI Community

50 open access journals  
60 staff at your disposal  
3,000 academic editors  
12,000 articles published  
22,000 e-mail alert subscribers  
35,000 unique authors  
70,000 academic peer-reviewers  
450,000 monthly PDF views  
2,300,000 monthly webpage views

MDPI AG  
Postfach  
CH-4005 Basel  
Switzerland

Tel. +41 61 683 7734  
Fax +41 61 302 8918

[www.mdpi.com](http://www.mdpi.com)

(May 2011, visit [www.mdpi.com/journal/algorithms/editors](http://www.mdpi.com/journal/algorithms/editors) for an updated list)

See [www.mdpi.com/about/contact/](http://www.mdpi.com/about/contact/) for a full list of offices and contact information. MDPI AG is a company registered in Basel, Switzerland, No. CH-270.3.014.334-3, whose registered office is at Kandererstrasse 25, CH-4057 Basel, Switzerland.

# algorithms

## Call for Papers



## Call for Papers

Dear Colleagues,

You are invited to contribute a research article or a comprehensive review for consideration and publication in *Algorithms* (ISSN 1999-4893). *Algorithms* is an open-access journal which provides an advanced forum for studies related to algorithms. It publishes reviews, regular research papers and short communications .

Manuscripts prepared in Microsoft Word or LaTeX can be submitted to the Editorial Office online at [www.mdpi.com](http://www.mdpi.com). Detailed Instructions for Authors are also available online: [www.mdpi.com/journal/algorithms/instructions/](http://www.mdpi.com/journal/algorithms/instructions/)

*Algorithms* is published in an open access format – research articles, reviews and other contents are released on the Internet immediately after acceptance. The scientific community and the general public can unlimitedly access the content for free as soon as it is published.

As an open access journal, *Algorithms* is supported by the authors or their institutes by payment of article processing charges (APC) for accepted papers. More information is available at [www.mdpi.com/about/apc/](http://www.mdpi.com/about/apc/).

We would be pleased to welcome you as one of our authors.

Algorithms Editorial Office  
E-mail: [algorithms@mdpi.com](mailto:algorithms@mdpi.com)  
Tel. +41 61 683 7734

## Aims & Scope

*Algorithms* is an open-access journal which provides an advanced forum for studies related to algorithms.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. The full experimental details must be provided so that the results can be reproduced.

The scope of *Algorithms* includes:

- design and analysis of algorithms
- approximation algorithms
- randomized algorithms
- online algorithms
- parameterized algorithms
- parallel algorithms
- streaming algorithms and quantum algorithms
- automated design, robotics
- document presentation systems
- database design, sorting, searching, data structures
- computational geometry, and linear programming
- software tools
- new technologies, methodologies
- implementation or testing of algorithms
- comparisons of actual performance of various algorithms
- data compression
- algorithms in biology, chemistry, physics, etc., and subfields

*Algorithms* regularly publishes special issues on relevant and timely topics. Be sure to check our website for an updated list of special issues: [www.mdpi.com/journal/algorithms](http://www.mdpi.com/journal/algorithms)

## Open Access. What Does It Really Mean?

Open Access is mainly a response to what is known as the serials crisis: yearly increasing journal subscription prices, which make subscription-based journals increasingly difficult to afford.

Many university libraries around the world have had to cancel existing subscriptions, or are unable to keep up with subscribing to new journals, because the cost of publication has risen disproportionately to their budgets.

With open access publishing, the cost of peer-review and production of an article is born by the institute of the author by payment of a onetime flat fee. Conversely, readers and their institutes are no longer charged for accessing the journals they need.

For researchers, open access brings the convenience of immediate access to the literature that they need – no matter for which university or company they work, or whether they just want to read a paper in their spare time at home.

For authors, open access means a much wider circle of readers due to the easy access to their research papers. The interested general public is also able to access research works, giving partly higher transparency to the outcome of taxpayer money spent on research.

See [http://www.mdpi.com/journal/algorithms/special\\_issue/puzzle\\_game/](http://www.mdpi.com/journal/algorithms/special_issue/puzzle_game/) for the special issue on "Puzzle/Game Algorithms" Edited by Ryuhei Uehara.