Call for Papers

Special Section on Discrete Mathematics and Its Applications

submit by September 20, 2013, published in June, 2014

The IEICE Transactions on Fundamentals of Electronics, Communications and Computer Sciences announces a forthcoming Special Section on Discrete Mathematics and Its Applications to be published in June, 2014. The objective of the special section is to review and promote recent progress in the field of discrete mathematics and its applications. Topics of interest include, but are not limited to:

- algorithms, data structures, and computational complexity
- graphs, networks, and matroids
- combinatorial optimization
- parallel and distributed algorithms
- discrete geometry, computational geometry, and computational algebra
- coding theory and mathematical foundations of cryptography
- probabilistic and number theoretic algorithms
- linear programming and mathematical programming
- computational biology and bioinformatics
- Petri nets and concurrent systems
- applications of discrete mathematics
- algorithm engineering
- quantum computation, quantum algorithm, and quantum cryptography

Submission Guidelines: Authors are requested to follow the submission process described below.


2. Send by E-mail, FAX or postal mail the “Copyright Transfer and Page Charge Agreement” and the “Confirmation Sheet of Manuscript Registration” by September 24, 2013 to

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Manuscripts should be prepared according to the style guidelines for the IEICE Transactions (See http://www.ieice.org/eng/shiori/mokuji_ess.html). In this special section, the preferred length of the manuscript is no longer than eight pages for a PAPER and two pages for a LETTER. The term for revision after the review process might be shortened, although it is usually 60 days’ long. Some papers may appear in the following transactions, if the number of accepted papers exceeds the limit. At least one of the authors must be an IEICE member when the manuscript is submitted for review. Please note that if accepted, authors are requested to pay for the page charges covering partial costs of publications.

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