

Call for Papers

Special Section on Recent Advances in Simulation Techniques and Their Applications for Electronics

The IEICE (Institute of Electronics, Information and Communication Engineers) Transactions on Electronics announces a forthcoming special section on Recent Advances in Simulation Techniques and Their Applications for Electronics to be published in **July 2014**.

Computer simulation plays an important role in the design of systems, equipment and their components, and is also a powerful tool for estimation of various risks and safety problems. The simulation techniques for fields, electronic and optical devices, and systems are considered as common topics in our society. The purpose of this special section is to present a collection of original papers that gives an overview of recent progress of research and development in simulation techniques and their applications for electronics. Submission from researchers and engineers in this field is highly encouraged.

1. Scope

The major topics of interest include:

- Techniques on Computer Simulations for Electronic Engineering (Electromagnetics, Circuits, Semiconductors, Electronic Systems, etc.)
- Hardware and Software Acceleration Techniques for Computer Simulations
- High-Accuracy Techniques
- Comparison and Estimation of Simulation methods (Canonical Problems for Comparison / Estimation)
- Multi-Physics Simulations
- Modeling and Optimization Techniques
- Computer Platforms for Simulators
- Simulators for Industrial and Educational Purposes

2. Submission Instructions

~~The deadline for submission is September 27, 2013.~~ **The extended deadline for submission is October 18, 2013.** Types of manuscripts for this Special Section are PAPER and BRIEF PAPER. Manuscripts should be prepared according to the style guidelines in the “Information for Authors” which is available at http://www.ieice.org/eng/shiori/mokuji_es.html. The length of PAPER should not exceed 8 printed pages and of BRIEF PAPER should not exceed 4 printed pages. The term for revising the manuscript after acknowledgement of conditional acceptance for this special section could be shorter than that (60 days) for other sections because of the tight review schedule.

This special section will accept papers only by electronic submission. Prospective authors are requested to follow carefully the submission process described below.

- (1) Submit a paper using the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Authors should choose “[Special-ES] Recent Advances in Simulation Techniques and Their Applications for Electronics” as a “Journal / Section”. Do not choose [Regular-EC].
- (2) Send “Copyright Transfer and Page Charge Agreement” and “Confirmation Sheet of Manuscript Registration” to

Dr. Shinichiro Ohnuki

Department of Electrical Engineering, College of Science and Technology, Nihon University
1-8-14 Surugadai, Kanda, Chiyoda-ku, Tokyo 101-8308, Japan
Tel: +81-3-3259-0783, Fax: +81-3-3259-0762, E-mail: ohnuki.shinichiro@nihon-u.ac.jp

by e-mail, fax, or postal mail. We cannot start the review process without all required documents, even if we receive the manuscript.

3. Special Section Editorial Committee

- Guest Editor-in-Chief: Tsugumichi Shibata (NTT)
Guest Editor: Shinichiro Ohnuki (Nihon Univ.)
Guest Associate Editors: Tuptim Angkaew (Chulalongkorn Univ.), Chunping Chen (Kanagawa Univ.),
Yih-Peng Chiou (National Taiwan Univ.), Namiko Ikeda (NTT), Kazuhiro Fujita (Fujitsu),
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Eng Leong Tan (Nanyang Technological Univ.), Yasuhide Tsuji (Muroran Inst. of Tech.)

* Please note that if accepted, all authors, including authors of invited papers, are requested to pay the page charges covering partial cost of publications. Authors will receive 50 copies of reprints.

* At least one of the authors must be an IEICE member when the manuscript is submitted for review. Invited papers are an exception. We recommend that authors unaffiliated with IEICE apply for membership. For membership applications, please visit the web-page, <http://www.ieice.org/eng/member/OM-appli.html>.