The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on “Foundations of Computer Science ～New Spirits in Theory of Computation and Algorithm～” to be published in Transactions on Information and Systems. We invite submissions of original and unpublished papers which will review and promote recent progress in the field of foundations of computer science.

1. Scope
The following topics fall in the scope of this special section. We however encourage submissions of papers on other topics if they conform the aim of this special section.
- **Theory and Models of Computation** —Turing Machines, Recursive Functions, Rewriting Systems, Parallel and Distributed Computing, Quantum Computing, Molecular Computing
- **Automata and Formal Language Theory** —Grammatical Models of String and Non-String, Applications of Models to Language Processing, Cellular Automata, Coding Theory, Computational Learning Theory
- **Algorithms and Data Structures** —Combinatorial Algorithms, Graph Algorithms, Computational Geometry, Randomized and Approximation Algorithms, Parallel and Distributed Algorithms
- **Computational Complexity Theory** —Computational Complexity, Computability, Circuit Complexity, Communication Complexity

2. Submission Guidelines:

- A manuscript should be prepared according to the guideline given in “The Information for Authors” (http://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (http://www.ieice.org/ftp/index-e.html). The preferred length of the manuscript is 8 pages for a PAPER and 2 pages for a LETTER with the format determined by the IEICE Style File.
- Submit the manuscript through the IEICE Web site (https://review.ieice.org/regist/regist_baseinfo_e.aspx). Choose “[Special-FC] Foundations of Computer Science” in the menu of “Journal/Section” in the submission page.

Inquiries:
Yushi Uno  
Graduate School of Science, Osaka Prefecture University,  
1-1 Gakuen-cho, Naka-ku, Sakai 599-8531, Japan  
Email: uno@mi.s.osakafu-u.ac.jp, Tel: +81-72-254-9689, Fax: +81-72-254-9930

- Submission deadline of the manuscript is **March 28, 2014**.

3. Notice to the Authors:
- If the paper is accepted, authors are requested to pay for the page charge which covers reprints of the paper and partial cost of publications.
- The standard period of 60 days between the notification (of conditional accept) and the second submission can be shortened according as the review schedule.
- **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 authors unaffiliated with IEICE to apply for the membership. [http://www.ieice.org/eng/member/OM-appli.html](http://www.ieice.org/eng/member/OM-appli.html)
- Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.

4. Special Section Editorial Committee:
Guest Editor-in-Chief: Yushi Uno (Osaka Prefecture Univ.)  
Editors: Toru Araki (Gunma Univ.), Akio Fujiyoshi (Ibaraki Univ.), Kohei Hatano (Kyushu Univ.), Takashi Horijima (Saitama Univ.), Katsunobu Imai (Hiroshima Univ.), Taisuke Izumi (Nagoya Inst. of Technology), Keiichiro Kusakari (Nagoya Univ.), Eiji Miyano (Kyushu Inst. of Technology), Koji Nakano (Hiroshima Univ.), Yoshio Okamoto (Univ. of Electro-Communications), Hirota Ono (Kyushu Univ.), Suguru Tamaki (Kyoto Univ.), Keisuke Tanaka (Tokyo Inst. of Technology), Ryuhei Uehara (Japan Advanced Inst. of Science and Technology), Shigeru Yamashita (Ritsumeikan Univ.), Koichi Yamazaki (Gunma Univ.)

Inquiry should be made to the Guest Editor-in-Chief, preferably by Email with Subject “IEICE(FCS2015)”. 