Call for Papers

Special Section on Knowledge-Based Software Engineering
http://www.sayo.se.shibaura-it.ac.jp/main/link/kbse
Submission Deadline Extended June 23, 2013

The Institute of Electronics, Information and Communication Engineering (IEICE) Transactions on Information and Systems announces a forthcoming special section on "Knowledge-Based Software Engineering" to be published in **May 2014**. The objective of this special section is to publish and overview recent progress in the interdisciplinary area of Artificial Intelligence and Software Engineering. This special section will include papers based on the presentation at Joint Conference on Knowledge-Based Software Engineering 2012 and papers applied for this call for papers. All submitted papers are subjected to the same review processes as those papers accepted for publication in the regular issues.

1.Topics of interests include, but are not limited to:

・Knowledge technologies for semantic web
・Ontology engineering;
・Ontologies and patterns in UML modelling
・Knowledge technologies for service-oriented systems, Internet of services and Internet of things
・Architecture of knowledge-based systems, including intelligent agents and softbots
・Knowledge-based requirements engineering, domain analysis and modelling
・Knowledge engineering for process management and project management
・Intelligent user interfaces and human-machine interaction
・Methodology and tools for knowledge discovery and data mining

・Automating software design and synthesis
・Automating composition of components and services, methods to predict the properties of composites
・Knowledge-based methods and tools for testing, verification and validation, maintenance and evolution
・Decision support methods for software engineering
・Knowledge management for business processes, workflows and enterprise modelling
・Program understanding, programming knowledge, modelling programs and programmers
・Knowledge-based methods and tools for software engineering education
・Knowledge-based methods for software metrics

2.Guideline for paper submission:
a. In preparing the manuscript, authors should be subjected to the Information for Authors on IEICE Transactions, which describes the standard format of papers. Information for Authors is available through WWW page http://www.ieice.org/eng/shiori/ .

b. Submit a paper using the IEICE Web site https://review.ieice.org/regist_e.aspx by ~~June 7~~ June 23, 2013 Japanese time. We will not receive any papers after the deadline. Authors should choose the "[Special-ED] Knowledge-Based Software Engineering" as a "Type of Issue (Section)/Transactions" on the online screen. Do not choose "[Regular-ED] Information and Systems" or other special sections.

c. Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" to the following contact person by E-mail, FAX or postal mail until ~~June 7~~ June 23, 2013. Please do not forget to send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration". We cannot start the review process without them, even if we receive the manuscript.

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d. It is recommended that the paper does not exceed 8 printed pages. If it exceeds this limit, extra fee will be charged.

e. All authors, including authors of invited papers, are requested to pay for the page charges that cover a part of the publication cost. The page charges help cover the substantial cost of editing and publishing the IEICE Transactions. Peer review of your manuscript is provided as a service. Authors are entitled to 50 free reprints of their published articles.

f. Please be advised that in the case that a large number of papers are accepted for publications, a portion of these papers may be published in another issue of the journal

3.Important Dates:
Papers submission deadline: 23:59:59, ~~June 7~~ June 23, 2013 (Japanese Time)

4.Editorial Board:
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[IMPORTANT NOTICE] 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 following web page: http://www.ieice.org/eng/member/OM-appli.html