Special Section on Frontiers in Agent-based Technology

submit by February 3, 2017  published in December 2017

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on “Frontiers in Agent-based Technology” 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 We invite submissions of original and unpublished papers which will review and promote recent progress in the field of agent-based technology and multiagent systems.

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.

- **Agent-based Technology** — Agent Languages and Implementation Platform, Frameworks and Implementation-techniques of Intelligent Agents
- **Multiagent Systems** — Mechanism Design, Auctions, Automated Negotiations among Agents
- **Applications to the Web and Related Fields** — Semantic Web, Ontology, Coalition Formation Support Systems, Social Network Analysis
- **Applications to Social Systems** — Multi-agent-based Simulations, Applications to Economic and Financial Issues, Collective Intelligence

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-AG] Frontiers in Agent-based Technology” in the menu of “Journal/Section” in the submission page.
- Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.
- Submission deadline of the manuscript is February 3, 2017.

Contact:
Naoki Fukuta  
Faculty of Informatics  
Shizuoka University  
phone & fax : +81-53-478-1478, e-mail: fukuta@inf.shizuoka.ac.jp

3. Notice to the Authors:
- If the paper is accepted, authors are requested to pay for the page charges.
- 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

4. Open Access
The IEICE Transactions on Information and Systems will be an open access journal in January, 2017. Open access to “IEICE Transactions on Information and Systems” is available via the J-STAGE (https://www.jstage.jst.go.jp/browse/transinf/).

5. Special Section Editorial Committee:
Guest Editor-in-Chief: Takayuki Ito(Nagoya Institute of Technology, Japan)
Editors: Naoki Fukuta(Shizuoka University, Japan),  
Katsuhide, Fujita(Tokyo University of Agriculture and Technology, Japan),  
Ryo Kanamori(Nagoya University, Japan),  
Tokuro Matsuo(Advanced Institute of Industrial Technology, Japan),  
Satoshi Takahashi,(University of Electro Communications, Japan),  
Chao Yu(Dalian University of Technology, China),  
Fenghui Ren(University of Wollongong, Australia),  
Quan Bai(Auckland University of Technology, New Zealand)

Inquiry should be made to the above contact address, preferably by Email with Subject “IEICE(ICA2016)”. 