Call for Papers

------- Special Section on Software Agent and its Applications -------

The IEICE Transactions on Information and Systems announces that it will publish a special section entitled "Special Section on Software Agent and its Applications" in December 2020.

Research and development of the agent technology has been actively conducted in broad fields such as information processing, autonomous and cooperative problem solving, and information retrieval/integration on the web. JAWS (Joint Agent Workshops and Symposium) has provided opportunities for many researchers in this area to make presentation since 2002. This workshop is jointly supported by SIG-AI, IEICE; SIG-ICS, IPSJ; MACC, JSSST; SIG-KBS, JSAl;DOCMAS and IEEE Computer Society Tokyo/Japan Joint Chapter. Because of such reasons, a special section is being planned (scheduled to appear in the December 2020 issue) to further promote research and development of future communications quality.

1. Scope

Topics related to Theory and Application of Agent Research are of interest. These include, but are not limited to the following areas:
- Concept, technology, and instance of application of agents
- Acquisition, integration, and circulation of information
- Mobile communication
- Community wear/social wear
- Internet application system
- Cooperation working support
- Network administration and management
- Web-based training
- Application to a social system/communication
- Electronic commerce
- Application to software engineering

Concept, theory, and technology that support application of agents
- Basic theory
- Communications protocol between agents
- Agent architecture
- Agent description language
- Agent cooperation technology
- Agent processor/framework.

2. Submission Instructions

- A manuscript should be prepared according to the guideline given in “The Information for Authors” (https://www.ieice.org/eng/shiori/mokuji_iss.html). We encourage the authors to use the IEICE Style File (https://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-SA] Software Agent and its Applications” in the menu of “Journal/Section” in the submission page. Do not choose “[Regular-ED] Information and Systems” or other special sections.
- Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.
- Submission deadline of the manuscript is 3 February 2020.

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3. Special Section Editorial Committee

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* Upon accepted for publication, all authors, including authors of invited papers, should pay the page charges covering partial cost of publication around August 2020. If payment is not completed by 15 September, 2020 your manuscript will be handled as rejection.
* 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 (https://www.ieice.org/eng/join/member.html).
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