

**Call for Papers**

----- **Special Section on Architectures, Protocols, and Applications  
for the Future Internet** -----

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on "Architectures, Protocols, and Applications for the Future Internet" to be published in November 2010 as a special section of Transactions on Information and Systems. The objective of this special issue is to publish and overview recent progress in the interdisciplinary area of the future Internet technologies and their various applications.

**1. Scope**

- (1) Internet architecture and protocols (Autonomous and/or distributed routing, Robust, adaptive and QoS aware traffic control, Wireless, mobile, ubiquitous and/or ad-hoc networking, Overlay networking)
- (2) Network computing and applications (Network agent and its applications, Collaboration technologies, Groupware, Telepresence technologies, Distributed computing, GRID computing, Cloud Computing, Network and applications for ecology)
- (3) Internet technology for digital content distribution (Analysis method and amelioration technology for customer satisfaction, Digital rights management (DRM), QoS management, Architecture and/or protocols for content distribution network (CDN))
- (4) Internet security (Secure protocols, Firewall technology, Packet filtering technology, Intrusion detection, Packet tracing technology)
- (5) Impact of Internet technology to human society (Internet for education, Medical treatment, Welfare and dealing with disasters, Internet for the commerce infrastructure, Education for information ethics)

**2. Manuscript for Special Section**

A manuscript of this special section shall follow the guidelines for the regular section (the length is recommended within 8 printed pages for a paper, 2 printed pages for a letter). See "Information for Authors" ([http://www.ieice.org/eng/shiori/mokuji\\_iss.html](http://www.ieice.org/eng/shiori/mokuji_iss.html)) for details. A time for re-submission after review notification (60 days for the regular section) may be shortened.

**3. Submission Instructions**

This special section will accept only manuscripts 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\\_e.aspx](https://review.ieice.org/regist_e.aspx). Authors should choose the [Special-ED] **Architectures, Protocols, and Applications for the Future Internet** as a "Type of Issue (Section)/Category of Transactions" on the online screen. **Do not choose [Regular-ED].**
2. Send "Copyright Transfer and Page Charge Agreement" and "Confirmation Sheet of Manuscript Registration" by **postal mail, FAX or e-mail** to the following address (guest editor of the special section) by ~~February 26, 2010~~ **March 5 2010**. Please write "Special Section on Architectures, Protocols, and Applications for the Future Internet" on the envelope, if you use postal mail. We cannot start the review process without them, even if we receive the manuscript.

**4. Submission Deadline**

~~February 26, 2010~~ **The deadline is extended to March 5, 2010**

**5. Postal Address for Copyright Transfer/Confirmation Sheet, Request for Information**

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**6. Editorial Board for this Special Section**

Guest Editor-in-Chief : Fumio Teraoka (Keio University.)  
Guest Editorial Manager : Yuji Sekiya (The Univ. of Tokyo), Koji Nishimura (Hiroshima Univ.)  
Guest Associate Editors : Rei Atarashi (IIJ Research Lab.), Takeshi Ikenaga (Kyushu Inst. of Tech.), Keisuke Ishibashi (NTT), Shingo Ichii (The Univ. of Tokyo), Nobuo Okabe (Yokogawa Electric), Eiji Kawai (NICT), Shigeki Goto (Waseda Univ.), Atsushi Tagami (KDDI R&D Labs), Masahiro Jibiki (NEC), Matsuaki Terada (Tokyo Univ. of Agriculture and Tech.), Masaya Nakayama (The Univ. of Tokyo), Kenichi Nagami (INTEC Netcore), Shigeru Miyake (Hitachi (China) R&D), Katsuyuki Yamazaki (Nagaoka Univ. of Tech.), Kenichi Yoshida (Tsukuba Univ.)

**7. Remarks**

\* Please note that if accepted, all authors, including authors of invited papers, are requested to pay for 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>