Call for Papers

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

The Institute of Electronics, Information and Communication Engineers (IEICE) announces a forthcoming special section on "The Architectures, Protocols, and Applications for the Future Internet" to be published in May 2017 as a special section of Transactions on Information and Systems. The objective of this special section is to publish and overview recent progress in the interdisciplinary area of the Internet technologies and their various applications for diversified future.

1. Scope

(1) Internet architecture and protocols
   Wireless, mobile, ubiquitous and/or ad-hoc networking, Autonomous and/or distributed routing, Transport Protocol, Robust, adaptive and QoS aware traffic control, Datacenter networking, Network virtualization, SDN (Software Defined Networking)/NFV(Network Function Virtualization), Sensor networking, ITS (Intelligent Transport System), ID/location separation, Content-centric networking, Delay tolerant networking

(2) Network computing and applications
   Distributed computing, GRID computing, Cloud Computing, Social Networking, Network infrastructure for big data, Pervasive computing, IoT (Internet of Things), Cyber physical system, Smart grid, Network and applications for ecology, Network infrastructure for telework, Cooperation between applications and networking

(3) Internet operation and management
   Analysis method and amelioration technology for customer satisfaction, QoS/QoE management, tele-presence, Digital rights management (DRM), Architecture and/or protocols for content distribution network (CDN), Integration of communication and broadcasting

(4) Internet security and impact of Internet technology to human society
   Secure protocols, Firewall technology, Packet filtering technology, Intrusion detection, Packet tracing technology, Authentication/Authorization (including PKI), Network security from social aspect, Internet for education, medical treatment, welfare, commerce and dealing with disasters, 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) for details. The time period for re-submission after the first 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.
Submit a paper and transfer copyright of the paper using the IEICE Web site https://review.ieice.org/regist/regist_baseinfo_e.aspx. Authors should choose the [Special-NT] The Architectures, Protocols, and Applications for the Future Internet as a "Journal/Section " on the online screen. Do not choose [Regular-ED].

4. Submission Deadline

July 22, 2016 (Fri.)

5. Contact Point

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6. Editorial Board for this Special Section

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7. Remarks

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