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 2021 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, Network 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, Edge/Fog/Cloud Computing, Social Networking, Network infrastructure for big data, IoT (Internet of Things), Cyber physical system, M2M (Machine to Machine) networking, Smart grid, Network and applications for ecology, Cooperation between applications and networking, Network infrastructure for telework, Network technology for distributed knowledge processing
   (3) Novel 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 social role of Internet technology:
      Secure protocols, Firewall technology, Packet filtering technology, Intrusion detection, Packet tracing technology, Authentication/Authorization (including PKI), Network security from social aspect, Analysis and proposal of Internet usage for education, medical treatment, welfare, commerce and dealing with disasters, Education for information ethics

2. Manuscript for Special Section
   - 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 standard length is within 8 printed pages for a PAPER, 2 printed pages for a LETTER with the format determined by the IEICE Style File. The maximum length of a LETTER at the time of initial submission is 4 pages. Please note that if the length exceeds the standard pages, the publication fee will suddenly increase.
   - 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.
   - Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic submission.
   - Submit the manuscript and the "Copyright Transfer and Page Charge Agreement" using the IEICE Web site [https://review.ieice.org/regist/regist_baseinfo_e.aspx].
   - Choose “[Special-NT] The Architectures, Protocols, and Applications for the Future Internet” as “Journal/Section” in the submission page. Do not choose “[Regular-ED] Information and Systems” or other special sections.

4. Submission Deadline
   August 7, 2020

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6. Editorial Board for this Special Section
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7. Remarks
* A manuscript must arrive no later than Submission Deadline.
* Upon accepted for publication, all authors, including authors of invited papers, should pay
  the page charges covering partial cost of publication around January 2021. If payment is
  not completed by 15 February 2021 your manuscript will be handled as rejection.
* 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).
* Authors must agree to the "Copyright Transfer and Page Charge Agreement" via electronic
  submission.
* The standard period of 60 days between the notification (of conditional accept) and the second
  submission may be shortened according as the review schedule.
* Open Access Publishing: Since January 2017, all papers of the IEICE Transactions on
  Information and Systems stored in J-STAGE that include all papers published from January 2017
  have been opened to all reader in the world through J-STAGE. Open Access Option for many
  transactions in IEICE will not be applied to papers in January 2020 issue and following issues of
  the IEICE Transactions on Information and Systems. (Open Access Publishing will be continued
  after January 2020). For details on Open Access Publishing and Open Access Options, please
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