

We are pleased to announce the Special Section of the IEICE's journal, "Nonlinear Theory and Its Applications, IEICE," to be published in April, 2015. The major part of this issue will focus on recent progress in networks and communications from scientific viewpoints and their engineering applications. Such topics have been recently presented and discussed at the conferences sponsored by the technical committee on Complex Communication Sciences (CCS), especially the Korea-Japan Joint Conference on Complex Communication Sciences (KJCCS 2013), which was held at Okinawa, Japan in October 2013.

The topics of interest within the scope of this Special Section include but are not limited to,

- Fundamental (scientific) theories for network and communication systems :
 - Complex Networks and Systems, Synchronization, Nonlinear Dynamics, Chaos, and Oscillations ;
 - Neural Information Processing, Neural Networks, Biological Networks, Ecological Networks, and Social Networks ;
 - Distributed Algorithms, Self-Organization, Control Theory, and Optimization Algorithms ;
 - Communication Theory, Coding Theory, and Theory and Techniques for Random Number Generators.
- Modeling and applications in network and communication systems :
 - Network Modeling, Mobility Modeling, Routing, Medium Access Control (MAC), and Physical Layer (PHY) ;
 - Distributed Communication Networks, Ad Hoc Networks, and Sensor Networks ;
 - Bio-Inspired Information and Communication Technology (ICT) and ICT-Inspired Biology ;
 - Distributed Power Systems, Smart Grid, and Resource Allocations.

Papers submitted to this Special Section will be peer-reviewed and handled by the editorial committee of the Special Section. The deadline for the paper submission is July 10, 2014. Prospective authors are requested to carefully follow the submission process :

- (1) Prepare the manuscript according to the guidelines described on the web page :
<http://www.nolta.ieice.org/data/authors.html>.
The LATEX style file and template file may be downloaded from the web page. Papers do not usually exceed 30 pages of an A4-sized PDF file.
- (2) Submit the manuscript and agree to the "Copyright Transfer and Page Charge Agreement" using the IEICE paper submission system at :
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Authors should choose "[Special-NC] Network Sciences and Engineering" as a "Journal/Section". Do not choose "[Regular-EN]". Inquiries to
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