

Special Section on Communication Sciences and Engineering

Nonlinear Theory and Its Applications (NOLTA), IEICE

We are pleased to announce the Special Section of the IEICE's journal, "Nonlinear Theory and Its Applications, IEICE," to be published in **July, 2017**. The major part of this issue will focus on recent progress in communications and networks from scientific viewpoints. The topics are currently presented and discussed at the conferences sponsored by the technical committee on **Complex Communication Sciences (CCS)**, which is one of permanent technical committees under the NOLTA society (NLS) of the IEICE.

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);
 - Optical Communication, and Laser;
 - Wireless Communications, Cognitive Radio, Resource Allocation, and Antenna and Propagation;
 - 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 **November 10, 2016 (extended)**. 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:

https://review.ieice.org/regist/regist_baseinfo_e.aspx .

Authors should choose "[**Special-NC**] **Communication Sciences and Engineering**" as a "Journal/Section". Do not choose "[Regular-EN]". Inquiries to

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The article charges up to 30 pages:

One of the authors is a member of IEICE: 61,714 JPY

Otherwise: 66,857 JPY

Submissions that do not follow the above instructions will not be accepted. For additional guidelines on manuscript preparation, please visit:

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Please note that if accepted, authors are requested to pay for the article charges covering partial costs of publications. These page charges cannot be waived.

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<http://www.ieice.org/eng/member/OM-appli.html>

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