



NOLTA Society

Call for Papers



Nonlinear Theory and
Its Applications, IEICE

Special Section on Communication Sciences and Multimedia Information Systems

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 **January, 2019**. The major part of this issue will focus on sciences and engineering in communications, networks and multimedia information systems. The topics are currently presented and discussed at the conferences sponsored by the technical committee on **Complex Communication Sciences (CCS)** under **NOLTA** society of the IEICE, and **Korea Multimedia Society (KMMS)**. **NOLTA** and **KMMS** have made a Sister Society Agreement on June 2016.

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.
- Multimedia Information Processing and Systems
- Multimedia Contents and IT Convergence

Papers submitted to this Special Section will be peer-reviewed handled by the editorial committee of the Special Session. The deadline for the paper submission is **May 10, 2018**. 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 Multimedia Information Systems**"

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 or KMMS: 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:

<http://www.nolta.ieice.org/data/authors.html>

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.

[IMPORTANT NOTICE]

Both members and nonmembers of IEICE are invited to submit manuscripts. However, we recommend that authors unaffiliated with IEICE apply for membership:

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

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