



Call for Papers



Special Section on Computation with nonlinear dynamics

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 **April, 2021**. The major part of this issue will focus on recent progress in computation with nonlinear dynamics from scientific viewpoints.

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

- Fundamental theories and applications on computation with nonlinear dynamics:
 - Reservoir computing, Physical reservoir, Echo state networks;
 - Neural networks, Deep learning;
 - Neuro-inspired computing, Bio-inspired computing;
 - Dynamics based logics, unconventional logical operation;
 - Nonlinear phenomena for computation;
 - Complex Networks and Systems, Synchronization, Nonlinear Dynamics, Chaos, and Oscillations;
 - etc.

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 **October 10, 2020**. Prospective authors are requested to carefully follow the submission process:

(1) Prepare the manuscript according to the guidelines described on the web page:

<https://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-ND] Computation with nonlinear dynamics" as a "Journal/Section". Do not choose "[Regular-EN]". Inquiries to

Dr. Kai Morino
Kyushu University
6-1 KasugaKouen, Kasuga, Fukuoka, JAPAN
E-mail: kai.morino.a15@m.kyushu-u.ac.jp

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:

<https://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:

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

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