



Call for Papers



Special Section on Topological Data Analysis

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, 2023**. The major part of this issue will focus on recent progress in topological data analysis. The topics of interest within the scope of this Special Section include but are not limited to:

- Theories and applications of topological data analysis:
 - Persistent homology, Mapper, or any other data analysis methods featuring or using topological information, interpreted broadly
 - Applications to physics, chemistry, biology, social science, or any other fields
 - Machine learning with topological knowledge
- Software for topological data analysis
- Other topics in topological data analysis

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, 2022**. 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.ieice.org/nolta/journal/author.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 Article Processing Charge Agreement, and Notices from the IEICE and Privacy Policy" using the IEICE paper submission system at:

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

Authors should choose "[**Special-TD**] **Topological Data Analysis**" as a "Journal/Section". Do not choose "[Regular-EN]".

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The article charges up to 30 pages:

One of the authors is a member of IEICE: 62,857 JPY

Otherwise: 68,095 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.

[IMPORTANT NOTICE]

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https://www.ieice.org/eng_r/assets/pdf/rules/OMDP_en.pdf

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