Information for Authors

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The aim of JIPS is to provide an international forum for academic and industrial researchers all over the world to promote, share, and discuss all major research issues and developments in different areas of information processing systems and related fields. This journal publishes theoretical research contributions presenting new techniques, concepts, or analyses, reports on experiences and experiments of implementation and application of theories. Tutorials on recent technologies and trends are also welcome. In addition, featured articles with outstanding contributions and results are selected by the journal's Editorial Board and introduced in the journal homepage. The subjects covered by this journal include, but are not limited to, topics related to (A) computer systems and theory; (B) multimedia systems and graphics; (C) communication systems and security; and (D) information systems and applications. We invite submissions for our upcoming issues that emphasize the independent reproduction of prior work. Additionally, we strongly support the use of open source methodologies and tools, and submissions that leverage these practices will be given special consideration. In order to disseminate the recent technological advancements as quickly as possible, the acceptance of submitted papers will be finally decided according to publication plan. To be accepted, however, a paper must be judged to be truly outstanding in its field and to be of interest to a wide audience.

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The corresponding author must inform the editor of any potential conflicts of interest that could influence the authors' interpretation of the data. Examples of potential conflicts of interest are financial support from or connections to companies, political pressure from interest groups, and academically related issues. In particular, all sources of funding applicable to the study should be explicitly stated.

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Research misconduct refers to an act that is seriously outside the extent generally accepted by the science and technology field, including fabrication, falsification, plagiarism, unjustified listing of authors, overlapping submissions of paper, duplicate publications, false public statement, interference with investigations of fraudulent acts, and harm to the informant in proposal or performing of research or presentation and reporting of research results.

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The Editorial Board will continuously work to monitor and safeguard publication ethics: guidelines for retracting articles; maintenance of the integrity of the academic record; preclusion of business needs from compromising intellectual and ethical standards; publishing corrections, clarifications, retractions, and apologies when needed; and excluding plagiarism and fraudulent data.

The editors maintain the following responsibilities: responsibility and authority to reject and accept articles; avoiding any conflict of interest with respect to articles they reject or accept; promoting publication of corrections or retractions when errors are found; and preservation of the anonymity of reviewers. Editors may confer with other editors or reviewers in making this decision.

Editors must respect reviewers' right to confidentiality. Also, editors must not disclose information about manuscripts (including their receipt, content, status in the reviewing process, criticism by reviewers, or ultimate fate) to anyone other than the authors and reviewers.

F. Organization and Decisionmaking Procedure of Research Ethics Committee

The Research Ethics Committee is convened when cases of research ethics violations are reported within the society and is dissolved when the relevant matters are closed. The composition of the committee is as follows:

1. The committee is composed of 5 or more and 10 or less members, and the president is appointed by members of the society.
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The Research Ethics Committee meeting is held to review the cases of violations of the Research Ethics Regulations and take a disciplinary measure as necessary. It may warn, suspend, or deprive membership of members who are found to have violated the Research Ethics Regulation and notify the decision to the institution or individual.

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A. Qualification for Authors

Any researcher throughout the world can submit a manuscript if the scope of the manuscript is appropriate.

B. Language

Manuscripts should be submitted in scientific American English.

Ⅳ. SUBMISSION AND PEER REVIEW PROCESS

A. Submission

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- How does this manuscript advance the field of research and/or contribute something new to the literature?
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- Is the manuscript technically correct?
- Is the paper clearly written and well organized?
- Are all figures and tables appropriately provided and is their resolution in good quality?
- Does the introduction state the objectives of the manuscript, encouraging the reader to read on?
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Submitted papers will be reviewed according to the peer review process. Revisions are usually requested to take account of the referees' comments and critique. Failure to resubmit the revised manuscript within 30 days is regarded as a withdrawal. The corresponding author must indicate clearly what alterations have been made in response to the referees' comments point by point. Acceptable reasons should be given for noncompliance with any recommendation of the referees.

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- All manuscripts must be written in MS Word (not LaTeX), and the sample of the submission format is available at http://jips-k.org/submission.
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- Authors should express all measurements in conventional units, with International System of Units (SI).
- Only standard abbreviations should be used. The use of nonstandard abbreviations can be confusing to readers. Abbreviations should be avoided in the title of the manuscript. Abbreviations should be spelled out when first used in the text—for example, extensible markup language (XML).
- The names and locations (city, state/province [if relevant], and country) of manufacturers should be given.
- Ensure correct use of the terms sex (when reporting biological factors) and gender (identity, psychosocial or cultural factors), and, unless inappropriate, report the sex and/or gender of study participants, the sex of animals or cells, and describe the methods used to determine sex and gender. If the study was done involving an exclusive population, for example in only one sex, authors should justify why, except in obvious cases (e.g., prostate cancer). Authors should define how they determined race or ethnicity and justify their relevance.

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This journal's publication types include original articles and editorials. Other types are also negotiable with the Editorial Board.

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There are three types of original articles: Regular track paper and Fast track paper (A, B). The page limit for Regular, Fast Track B Paper, and Fast Track A paper is within 11 and 8, respectively, single-sided pages, including tables and figures. Pages can be added up to 4.

The manuscript for an original article should be organized in the following sequence: front cover, abstract and keywords, main text, acknowledgment, references, and author biographies. The paper pages should be consecutively numbered throughout.

(1) Front Cover

The front cover of each manuscript should include a submission area (one of the four "divisions" mentioned above), paper title, list of authors (main author and co-authors), author's affiliation, and corresponding author information.

A sample form of the front cover is available at http://jips-k.org/resources2/format/Front_Cover.docx. The front cover file should be attached separately from the main text when submitting the paper. The main text should not contain the authors' names or affiliations to enable blind peer review.

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The length of the paper abstract should not exceed 250 words. Manuscripts exceeding these guidelines may be returned to the authors. Abbreviations or references are not allowed in the abstract. Up to 6~7 keywords should be listed at the bottom of the abstract to be used as index terms.

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Introductory discussion should be kept to a minimum, and material published elsewhere should be referenced, not reproduced. Any material not essential to the continuity of the text should be placed in the Appendices. Formulas must be numbered. Figures (or pictures) and tables, with captions, must be numbered and referred to in the text. Text section headings have three levels with established specifications: primary, secondary, and tertiary. Enumeration of section headings is required. The section headings are as follows:
1. Introduction
2. Related Works (primary)
  2.1 Wavelet Filterbank (secondary)
    2.1.1 Wavelet theory (tertiary)
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Tables are self-explanatory and should not repeat any material from the main article or figures. If the tables or figures are not original, the author should request permission from the relevant copyright holder, and it should be noted in the caption of the tables or figures that permission has been granted.

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In the text, references should be cited with Arabic numerals in brackets, numbered in the order cited. In the References section, the references should be numbered and listed in order of appearance in the text. The references should only include works that have been published or accepted for publication. Personal communications and unpublished works should only be mentioned in the text. All references in the manuscript must have DOI links. The correct citation format for an article in JIPS is as follows:

Books

[1] A. A. Helal, M. Mokhtari, and B. Abdulrazak, *The Engineering Handbook of Smart Technology for Aging, Disability, and Independence*. Hoboken, NJ: Wiley, 2008.
[2] C. Sutton and A. McCallum, "An introduction to conditional random fields for relational learning," in *Introduction to Statistical Relational Learning*. Cambridge, MA: MIT Press, 2007, pp. 93-128.

Journals

[3] D. H. Ko, A. U. Hassan, S. Majeed, and J. Choi, "SkelGAN: a font image skeletonization method," *Journal of Information Processing Systems*, vol. 17, no. 1, pp. 1-13, 2021. https://doi.org/10.3745/JIPS.02.0152
[4] J. Lee, J. G. Andrews, and D. Hong, "Spectrum-sharing transmission capacity," *IEEE Transactions on Wireless Communications*, vol. 10, no. 9, pp. 3053-3063, 2011. https://doi.org/10.1109/TWC.2011.070511.101941

Report

[5] 3rd Generation Partnership Project (3GPP), "Evolved universal terrestrial radio access (E-UTRA); radio frequency (RF) system scenarios (Release 9)," 3GPP Technical Specification Group Radio Access Network, Technical Report TR 36.942 V9.1.0, 2010.

[6] H. M. Wallach, "Conditional random fields: an introduction," University of Pennsylvania CIS, Philadelphia, PA, Technical Report MS-CIS-04-21, 2004.

Conference Proceedings

[7] P. Michel and R. E. Kaliouby, "Real-time facial expression recognition in video using support vector machines," in *Proceedings of the 5th International Conference on Multimodal Interfaces*, Vancouver, Canada, 2003, pp. 258-264. https://doi.org/10.1145/958432.958479

Theses (M.S.) and Dissertations (Ph.D.)

[8] J. Mitola, "Cognitive radio: an integrated agent architecture for software defined radio," Ph.D. dissertation, Royal Institute of Technology (KTH), Stockholm, Sweden, 2000.

Standards

[9] *IEEE Standard for Information Technology, Part 15.4: Wireless Medium Access Control (MAC) and Physical Layer (PHY) Specifications for Low-Rate Wireless Personal Area Networks (WPANs)*, IEEE Standard 802.15.4, 2006.

Online Sources

[10] P. Senin, "Dynamic time warping algorithm review," 2008 [Online]. Available: http://seninp.github.io/assets/pubs/senin_dtw_litreview_2008.pdf.

[11] Apache Tomcat [Online]. Available: http://tomcat.apache.org.

Other types of references not described this instruction manual should follow the *IEEE Computer Society Style Guide* (http://www.computer.org/portal/web/publications/styleguide).

(6) Author Biographies

When submitting to JIPS, authors should include biographical information for each author as well as a black-and-white photograph. Each biography should be one paragraph and should include the author's ORCID ID, educational background, work experience, current position in affiliation and membership in professional societies.

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Editorials are invited by the editor and should be commentaries on articles published recently in the journal.

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A. Final Version

After the paper has been accepted for publication, the author(s) should submit the final version of the manuscript. The sample of the final-paper format is available at http://jips-k.org/static/submission. The names and affiliations of the authors should be double-checked, and if the originally submitted image files were of poor resolution, higher resolution image files should be submitted at this time. Symbols (e.g., circles, triangles, squares), letters (e.g., words, abbreviations), and numbers in figures should be large enough to be legible on reduction to the journal's column widths. All symbols must be defined in the figure caption. If the symbols are too complex to appear in the caption, they should appear on the illustration itself, within the area of the graph or diagram, not to the side. If references, tables, or figures are moved, added, or deleted during the revision process, they should be renumbered to reflect such changes so that all tables, references, and figures are cited in numeric order.

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The author(s) will receive the final version of the manuscript as a PDF file. Upon receipt, within 2 days, the editorial office (or printing office) must be notified of any errors found in the file. Any errors found after this time are the responsibility of the author(s) and will have to be corrected as an erratum.

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     Papers will be processed on the first-accepted first-published basis.
  3. Remark: The size must be within 11 pages including a photo and a profile (refer to the sample paper format).
  4. Decision: Accept, Minor, Major and Reject

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