

Submission Guidelines for Turbomachinery

1. Turbomachinery

Turbomachinery Society of Japan (hereafter TSJ) welcomes submissions from members to “Turbomachinery”. The journal aims to broadly serve the fluid machinery industry and the field of engineering. Articles should be effective in fostering communication among members, facilitating the exchange of the latest knowledge, and promoting mutual professional development. The journal is published monthly. Its scope encompasses all issues related to turbo machinery, including positive displacement fluid machinery, as well as a wide range of topics in related peripheral fields.

2. Scope

The journal serves the fluid machinery and systems related to any engineering applications. We welcome submissions of research papers containing novel ideas useful for the fluid machinery and systems, as well as Perspective/Review Article, Courses, Research Subcommittee Reports, and other contributions. The scope includes, but not limited to:

Design and development for fluid machinery and systems, Optimization, manufacturing, specification trends, cost, performance/efficiency, flow (internal flow, supersonic flow, jet, boundary layer, multiphase flow, etc.), flow instability (surging, rotating stall, etc.), reliability (fail-safe, strength, life evaluation, etc.), environment (Renewable energy, Carbon neutral), Application of MEMS, Micro/nano fluid systems, noise, control systems (maintenance, monitoring, operation, etc.), measurement technology (including visualization technology), materials, vibration and rotor dynamics, tribology, structure and strength, heat transfer and cooling, cavitation, bubbles.

3. Submission Rules

- (1) In principle, manuscripts should be written in Japanese; however, manuscripts in English are also accepted.
- (2) For details on manuscript classification and page limits, refer to Section 4: “Classification and Definitions of Manuscripts.”
- (3) Submission of research papers is generally restricted to members of TSJ. However, non-members may submit papers if they are recommended by at least one current member.

Articles other than research papers (see Section 4) are not strictly restricted to members. Submissions from non-members are accepted upon invitation by the TSJ.

- (4) The submission fee for Research Papers and Technical Reports is 20,000 JPY per manuscript (up to 10 pages, including figures and tables; calculated at 1,554 characters per page). If the manuscript exceeds 10 pages, an additional fee of 2,000 JPY per page will be charged.

For Perspective/Review Article (including papers part of a special issue) and Courses, an honorarium will be paid in accordance with TSJ’s regulations. If reprints beyond the complimentary number are required, the author must pay the reprint fees specified separately.

- (5) Manuscripts must be prepared in accordance with the separate "Author Guidelines." A completed Submission Cover Sheet (provided by TSJ) with all required information must be attached to the manuscript. The English title and author name(s) must be written in block letters (or standard printed type) following the Author Guidelines.
- (6) Contact Information
E-mail : turbo-so@pop01.odn.ne.jp
Website : <https://www.turbo-so.jp>
- (7) Paper Submission
Research Papers: E-mail : turbomc@nikko-pb.co.jp
Other Articles: E-mail : manuscript@turbo-so.jp
(Should you fail to receive an acknowledgment of receipt within one week of submission, please contact the Editorial office at turbo-so@pop01.odn.ne.jp, turbo-so@pop01.odn.ne.jp, turbomc@nikko-pb.co.jp, turbo_eda@nikko-pb.co.jp, turbo_edb@nikko-pb.co.jp)

4. Classification and Definitions of Manuscripts

- (1) Editorial Articles (Standard: within 10 pages)
- (2) Perspective/Review Article (Standard: within 10 pages)
- (3) Research Papers (Standard: within 10 pages, additional pages are charged separately. Original papers regarding theory or experiments. They must emphasize practical application value, and the main content must not have been previously published in any other publication, regardless of language.)
- (4) Technical Reports (Standard: within 10 pages, additional pages are charged separately.)
- (5) Courses (Standard: within 10 pages)
- (6) Research Subcommittee Reports (Standard: within 10 pages)
- (7) Roundtable Discussions (Standard: within 10 pages)
- (8) Literature/Book Reviews (Standard: within 4 pages)
- (9) Product Introductions (Standard: within 4 pages) Introductory articles on turbomachinery and related equipment, specifically highlighting innovative features, newly developed or commercialized products, new series, or new applications. Authors are limited to Members or Special Members of TSJ.
- (10) Laboratory Introductions (Standard: within 4 pages)
- (11) Essays / Salon (Standard: within 4 pages)
- (12) Members' Voice (Standard: within 2 pages)
- (13) Visit Reports (Standard: within 6 pages)
- (14) Conference Reports (Standard: within 6 pages)
- (15) Others

Articles not falling into categories (1) through (14) above may be published if deemed appropriate by the Editorial committee.

5. Peer Review Policy for Research Papers

- (1) Industrial Utility
 - Papers are evaluated on their industrial utility related to turbomachinery.
 - Lack of industrial utility constitutes grounds for rejection based on "No Utility."

- (2) Contribution to Engineering
 - Papers are evaluated on their contribution to engineering related to the development of turbomachinery.
 - Lack of engineering contribution also constitutes grounds for rejection.
- (3) Originality or Novelty
 - Papers are evaluated on technical originality or novelty.
 - Even if the paper utilizes known elemental technologies, it will be evaluated as having "Originality or Novelty" if integrating them yields new results.
 - Papers with significant overlap with existing publications are subject to rejection based on the content being "Already Known."
- (4) Reliability of Content
 - Reliability is evaluated by checking for obvious errors in the theory, formulas, calculations, experiments, or interpretation of results that form the core of the paper.
 - If corrections made in response to pointed-out errors result in significantly different conclusions, the paper is subject to rejection.
- (5) Completeness of Manuscript
 - Papers are evaluated on clarity (absence of obscure expressions) and the use of terminology generally understandable to readers in the field.
 - Manuscripts may be subject to rejection for reasons such as "Insufficient Polishing," "Difficult to Understand," or "Structural Flaws" if they lack logic, have insufficient examination, or if the description is too redundant or insufficient to be understood.
- (6) Relation to Existing Research
 - Papers are evaluated on whether past research is appropriately cited.
- (7) Clarity of Purpose and Results
 - Completeness is evaluated based on whether the paper reaches a conclusion that explains its utility, originality, and reliability through a structure generally understandable to readers regarding the researched/developed subject.

Upon submission, authors must comply with Code of Ethics 6 (Respect for Others): "Respect the intellectual achievements and intellectual property rights of others." Authors must pay close attention to the copyrights of others regarding any third-party information used.

Editorial Committee

