ASME’S GUIDE FOR JOURNAL AUTHORS
Designed to Help You Succeed!

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SETTING THE STANDARD
Why Choose an ASME Journal to Publish Your Research?

When you publish in an ASME journal, your work appears in an established, highly respected journal that is read, shared, and cited by an international community of engineers who value your contributions to the field.

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At the heart of the ASME Journal Program is an international network of more than 9,400 fellow engineers who serve as peer reviewers. They are invited to participate because of their expertise in their fields and their ability to offer thorough and accurate criticism of current research in order to move knowledge forward.

A good review:
- Helps members of the scientific community achieve higher standards than without expert feedback.
- Enables authors to learn something new or consider something they had not thought about.
- Improves scientific communication by helping authors to clarify statements that may be misleading, misunderstood, or plain wrong.

Speed to Publication
ASME’s journal publication workflow is designed to minimize the time between acceptance and publication. Accepted manuscripts are published online as individual articles as soon as they become available. This means the article is covered by indexing services very quickly and your work gains immediate attention. Author proofs are generated in about a week.

Coverage by Major Abstracting and Indexing Services
ASME’s journals are accepted for coverage in many of the major abstracting and indexing services as well as specialized citation databases. Your article will appear in services like:
- Web of Science
- Scopus
- Google Scholar
- Compendex
- Inspec
- PubMed and Medline (when relevant)
Select the Right Journal for Your Work

Review the purpose and scope of titles within the ASME Journal Program to determine the journal that best matches your submission’s content. For detailed information about each of the journals below visit asmedigitalcollection.asme.org/journals

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Journal of Applied Mechanics
Journal of Autonomous Vehicles and Systems - NEW in 2021
Journal of Biomechanical Engineering
Journal of Computational and Nonlinear Dynamics
Journal of Computing and Information Science in Engineering
Journal of Dynamic Systems, Measurement, and Control
Journal of Electronic Packaging
Journal of Energy Resources Technology
Journal of Engineering and Science in Medical Diagnostics and Therapy
Journal of Engineering for Gas Turbines and Power
Journal of Engineering Materials and Technology
Journal of Fluids Engineering
Journal of Heat Transfer
Journal of Manufacturing Science and Engineering
Journal of Mechanical Design
Journal of Mechanisms and Robotics
Journal of Medical Devices
Journal of Micro- and Nano-Manufacturing
Journal of Nondestructive Evaluation, Diagnostics and Prognostics of Engineering Systems
Journal of Nuclear Engineering and Radiation Science
Journal of Offshore Mechanics and Arctic Engineering
Journal of Pressure Vessel Technology
Journal of Solar Energy Engineering
Journal of Thermal Science and Engineering Applications
Journal of Tribology
Journal of Turbomachinery
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Journal of Vibration and Acoustics

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For insights into how to select a journal for your research visit

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Journal Paper Types

What type of paper will you be submitting? The ASME Journal Program accepts the following types of technical submissions, all of which undergo rigorous peer review.

Research Paper
Full-length, original research document that reports results of major and archival value to the specific community of engineers that comprise the journal audience. Recommended Length: 12,000 words. Beyond this amount, a mandatory excess-page charge may be assessed.

Design Innovation Paper
Represents scholarly innovation in design that has technological implications. The archival value of such papers is in the innovation part of a design and not necessarily in the theory. This type of paper is intended for outstanding work in mechanical design that is concept oriented and does not necessarily require detailed theoretical or experimental development and analysis, but does have archival value in design practice, as well as potential technological implications. Recommended Length: 7000 words.

Technical Brief (Technical Note, Brief Note)
Reports results that are of significant and archival value to the engineering community; however, these works are more limited in scope and length than a research paper. A technical brief may contain any of the following: 1. preliminary report of a result not yet fully developed or interpreted; and 2. commentary on a technical issue of potential interest to readers. Recommended Length: 4000 words.

Review Article
Organizes, clarifies, and summarizes existing major works in science and engineering and provides comprehensive citations to a full spectrum of relevant literature. Length: Open.

Letters Paper
Reports high-quality, cutting-edge original findings on theoretical or applied mechanical engineering topics. Letters papers offer rapid review and publication. Recommended Length: 2500-5000 words.

Expert View
A brief overview of the most recent advances in a specific area of mechanical engineering. The format for an Expert View is the same as a Research Paper. Recommended Length: 4500 words.

Non-technical submissions include:
- Editorial
- Discussion
- Closure (Response to a Discussion)
- Book Reviews
- Technology Review
- Announcement
- In Memoriam

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Open Access

ASME offers authors the choice to pay an APC (Article Processing Charge) so that their accepted work is published Open Access and immediately available for anyone to read, download, and share content without any barriers. This option also supports compliance with research funder mandates.

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Go to go.asme.org/openaccess
ASME Journals Digital Submission Tool
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The ASME Journals Digital Submission Tool site has been created to assist you in submitting your work for publication consideration in one of ASME's journals. Both technical and non-technical submissions can be accepted at this site (refer to page 5).

Click on Author Center on the ASME Journals Digital Submission Tool site to find valuable links for author resources, paper submission, and tracking your paper status.

Author Resources
At asme.org/publications-submissions/journals/information-for-authors you will find a wide range of author resources that provide useful information and tips that will help guide you through the submission process:

Manuscript Preparation
- Help Manual
- Sample Nomenclature
- Avoiding Plagiarism and Self-Plagiarism (Office of Research Integrity)
- Sample Published Paper
- ASME Reference Style

Program Policies
- Open Access
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- Ethical Standards
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- Statement of Editorial Policy and Practice
- Papers Presented at a Conference
- Statement on the Content of Numerical Accuracy (J. Fluids)
- Reporting Uncertainties in Experimental Measurements and Results (J. Fluids)
- Reporting Uncertainty Quantification (J. Nuclear)

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For frequently asked questions go to journaltool.asme.org/Help/AuthorHelp/WebHelp/JournalsHelp.htm and choose Additional Help

Feedback and Support
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Ask yourself:
- Do your findings advance understanding in a specific research field?
- Is your work of interest to the journal's audience?
- Are your conclusions justified by your results?
Guidelines for Submitting a Good Manuscript

Original Research Papers

Your paper presents the results of you and your co-authors’ research efforts. There are steps you can take to increase the likelihood that your work is published in the right journal and receives the recognition it deserves.

All manuscripts should be submitted electronically at journaltool.asme.org. All submissions, regardless of paper type, must be submitted in PDF format.

Search engine optimization (SEO) helps your article appear closer to the top of search engine results in services like Web of Science, Scopus, Google Scholar, Compendex, and Inspec. Here are a few tips:

- Be consistent with your name across publications
- Use keywords in the title, abstract, and section headings
- Include keywords in image captions

Your submission should be clear, concise, and complete, with assumptions plainly identified and data presented (including their uncertainty) with precise logic, with relevance to practices described, and with actual accomplishments of the work clearly stated and honestly appraised.

Instructions for Authors

Refer to the detailed Instructions for Authors of the specific journal you have selected and follow the guidelines carefully, so that your manuscript can be as well prepared as possible, increasing your chance of acceptance. All contributions should be written in English using American spelling. Refer to the Using Proper Language section (page 10) for a list of language editing services should you need assistance.

Author's Statement of Original Work

Only original contributions to the engineering literature are accepted for publication; work should incorporate substantial information not previously published. You must accompany your manuscript with a statement that it has been neither published nor submitted for publication, in whole or in part, either in a serial, professional journal, or as a part in a book that is formally published and made available to the public.

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SI Units

It is ASME’s policy that SI units of measurement be included in all papers. When U.S. customary units are given preference, the SI equivalent should be provided in parentheses or in a supplementary table. When preference is given to SI units, the U.S. customary units should be provided in parentheses or in a supplementary table.

LaTeX

The LaTeX template for ASME journals submissions can be downloaded at iel.ucdavis.edu/code/ASME/journals-1.0.html

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There are **no charges** to submit and publish a standard research paper. However, the following options involve publication charges:

- Color figures in print
- Excess pages (final typeset paper longer than 12 standard journal pages)
- Open Access option
- Reprints may be ordered in multiples of 100. Minimum order is 100 copies

For current pricing information, visit the Author Center on [journaltool.asme.org](http://journaltool.asme.org) and select Author Resources. Publication Charges listed under Program Policies.

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**Elements of a Well-Prepared Paper**

Here are the basic elements of a research paper listed in the order in which they should appear in your manuscript:

**Title**

The title of the paper should be concise and definitive. This will increase the discoverability of your work and support SEO (search engine optimization).

**Author Names and Affiliations**

ASME’s policy is all contributors who have participated significantly in the technical aspects of a paper be recognized as co-authors or cited in the acknowledgments. This list serves as a declaration that each individual has made a substantive and material contribution to the development and composition of the paper. The corresponding author(s) must be identified and contact information included. Adding or removing an author after submission requires a written statement from all of the authors.

**Abstract**

An abstract (**250 words maximum**) should give a clear indication of the objective, scope, and results so that readers may determine whether the full text will be of particular interest to them.

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Some helpful tips:

1. Pages must be paginated.
2. Highly technical terms or phraseology must be explained and defined.
3. The use of the first person and reference to individuals should be made in such a manner as to avoid personal bias.
4. All papers should be concise, regardless of length.
5. Long quotations should be avoided by referring to sources.
6. Illustrations and tables must be kept to a practicable minimum.
7. Detailed drawings, lengthy test data and calculations, and photographs not integral to the understanding of the subject, should be omitted.
8. Equations should be kept to a reasonable minimum, and built-up fractions within sentences should be avoided.
9. Spell out all acronyms on first use in the abstract and then in the text of the paper. Put the acronym in parentheses immediately after the spelled-out term.
Body of Paper
The text should be organized into logical parts or sections with headings and subheadings throughout to divide the subject matter into logical parts and to emphasize the major elements. The purpose of the paper should be stated at the beginning, followed by a description of the problem, the means of solution, and any other information necessary to properly qualify the results presented and the conclusions. Results should be presented in an orderly form, followed by the author’s conclusions.

Equations
Equations should be numbered consecutively beginning with (1) to the end of the paper, including any appendices. The number should be enclosed in parentheses and set flush right in the column on the same line as the equation. This number should be used when referring to equations within the text. Equations should be referenced within the text as “Eq. (x).” When the reference to an equation begins a sentence, it should be spelled out, e.g., “Equation (x).”

Acknowledgments
Acknowledgments may be made to individuals or institutions not mentioned elsewhere in the work who have made an important contribution.

Funder Information
The name and grant number for each funding source will be included in a separate section of your paper. During the submission of your final files for publication you will be asked to supply this information.

Nomenclature
Nomenclature should follow customary usage. For reference, consult American National Standards Institute (ANSI) recommendations. The nomenclature list should be in alphabetical order (capital letters first, followed by lowercase letters), followed by any Greek symbols, with subscripts and superscripts last, identified with headings.

Appendices/Supplemental Material
ASME currently supports only supplemental material that is integral to the understanding and comprehension of the archival version of a Research Paper accepted for publication. If an author has supplemental material that they would like to submit for inclusion, they must receive pre-approval at the time of submission from the Editor and include it at the end of the main paper. ASME is currently working on a solution for supporting non-integral supplementary material (e.g., datasets, etc).

References
Within the text, references should be cited in numerical order according to their order of appearance. The numbered reference citation within text should be enclosed in brackets. ASME primarily uses The Chicago Manual of Style for reference format. ASME does not allow references to Wikipedia.

Figures and Tables
All figures (graphs, line drawings, photographs, etc.) should be numbered consecutively and have a caption consisting of the figure number and a brief title or description of the figure. This number should be used when referring to the figure in text. ASME accepts .tif or .eps file formats for figures.

All tables should be numbered consecutively and have a caption consisting of the table number and a brief title. This number should be used when referring to the table in the text. Table references should be included within the text in numerical order according to their order of appearance.

Questions can be sent to journals@asme.org
Using Proper Language

Publishers do not correct language; this is the author’s responsibility. Your paper conveys information to others, many of whom may be less familiar with the subject than you. Be careful to use simple terms and expressions and make statements as concise as possible. If highly technical terms or phraseology are necessary, they should be adequately explained and defined.

English language should be used throughout the manuscript, including figures, charts, graphs, and photos and their captions.

These companies provide services to international authors who would like assistance with their writing:

- American Journal Experts: aje.com
- Editage: editage.com
- Enago: enago.com
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- LetPub: letpub.com
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Ethics in Publishing

Declarations

Authors will be requested to make the following declarations:

- Conflict of Interest
- Statement on Human Research
- Policy on Informed Consent
- Statement on Animal Research
- Funding Disclosure

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ASME ensures that their editors, reviewers, and authors maintain high ethical standards relating to the submittal, review, and publication of manuscripts. These ethical standards derive from the Society’s definition of the scope of the journal and from the engineering community’s perception of standards of quality for engineering and scientific work, and its presentation.

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Accepted OR Changes Required OR Rejected
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Before you submit your manuscript, be sure to review this handy checklist to help ensure that your final paper submission is as complete as possible.

- Edit the text so that it is free of grammatical, syntactical, and typographical errors. Give particular attention to a well-expressed, concise title and abstract. Editorial help from colleagues is often valuable to both native and non-native English speaking authors and may be included in the paper’s acknowledgements.

- References: Confirm that all relevant research references have been included. Provide complete information for all references, including all author names, title, volume, page numbers, publisher, location and year. Authors are encouraged to seek out precise instructions via: ChicagoManualofStyle.org

- Number all tables, e.g., “Table 1”, ..., and place captions over each table. Number all figures (“Graphic Files”), for example, “Fig. 1”, ..., and place captions under each figure. Tables and figures may be included on separate pages at the end or embedded in the text (as in the Word template found in ASME’s Author Resources).

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- Estimate the total word count including references, figures, and tables to be under the ASME recommended **12,000 words for Research Papers.** To estimate length: 1 journal typeset page is about 1000 words and each table and figure adds approximately 250 words per half column and 125 words per quarter column to the length. This is merely an estimate. Actual printed length is determined when the manuscript is typeset. If the submission is estimated to be significantly longer than ASME’s guidelines, the Editor can request that the paper be reduced.

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