Instructions to Authors for Manuscript Preparation

Proceedings of The Combustion Institute, Volume 43

Submission Deadline: See Conference Websites and Invitation

Manuscript Submission Format and Length

- All manuscripts must be submitted as a PDF file that is formatted according to the standards of the *Proceedings*. Templates are provided for this purpose; those are accessible using the links provided at the end of this document. The paper length may be up to six pages excluding the references.
- Four short sections are required in all submissions before the first page. These are used by *Proceedings* editors and reviewers in their deliberations, and the first two will appear in the paper if published. Further information can be found in the templates.
    - A "novelty and significance" paragraph. The minimum length is 50 words, and the maximum length is 150 words.
    - A brief indication of each author's contributions to the paper (CRediT roles).
    - If applicable, a justification for exceeding the nominal page limit (see below).
    - If applicable, an explanation for a change in title or authors from the conference submission.
- The length limit for initial submissions is six pages in the prescribed format for the main manuscript. Additionally, there is an initial page of information for editors and reviews, which is then followed by up to six pages of the actual paper including front matter (title, authors, affiliations, abstract, and keywords) and two-column-formatted text, tables, and figures. References are excluded from this limit.
- If the length of the main manuscript exceeds six pages at initial submission or during the revision process, authors must provide a justification on the first page for exceeding this limit. The Editors have discretion as to whether additional length is justified and may send the paper back to the authors if the extra length is not warranted. Generally speaking, requests for extended length are more likely to be approved at the revision stage than at the initial submission. In no case should the paper length exceed eight pages (excluding the initial page of additional information and the references).
- As noted in the template, a disclosure of any competing financial interests or personal relationships that could have appeared to influence the work reported in the manuscript. This will be printed in papers that are published in the *Proceedings* in a section headed "Declaration of Competing Interest."
- To assist authors in preparing their submissions in the required format, templates are provided for LaTeX and Word users. See the final section of this document for links to the templates. Regardless of how a manuscript is prepared, it must be consistent with the templates.
- **Manuscripts may be rejected without review if they are not submitted in the prescribed format or if they exceed the page limit without justification.**

Style and Organization

- Style of the main manuscript follows the *Proceedings of the Combustion Institute* Vol. 42 (2026).
- Organize the manuscript as follows: Abstract, Novelty and significance statement, Keywords, Nomenclature (if used), Introduction, Main body, Conclusions, CRediT authorship contribution statement, Declaration of competing interest, Acknowledgments, Supplementary material (if

included), Appendices (if used), and References. Tables and figures with captions are to be placed in the text near where they are referenced the first time. No separate list of tables and/or figures is to be included.
- Further information is provided in the LaTeX and Word templates.

Abstract

- One paragraph of 100 to 300 words.

Keywords

- A maximum of five keyword entries.

Nomenclature

- If symbols are used extensively, a nomenclature list arranged alphabetically, with subscript and superscript symbols listed separately, should be provided.
- Otherwise, all symbols should be identified when first used in the text.

Abbreviations

- All acronyms or abbreviations of chemical compounds need to be written in full at their first mention with the abbreviation in parentheses.

Units

- Use the SI system of units.

Uncertainties

- Authors are strongly encouraged to provide experimental uncertainties as well as assessments of errors associated with numerical solutions.

Mathematics

- Refer to equations in the text as “Eq. (1),” etc., or “Equation (1),” etc., at the beginning of a sentence.
- Use fraction exponents instead of root signs.
- Use the solidus (/) for simple fractions.
- See papers published in the *Proceedings of the Combustion Institute* Vol. 42 (2026), or in recent issues of *Combustion and Flame*, for further guidance.

References

- Reference formatting follows the style for *Proceedings of the Combustion Institute* Vol. 42 (2026).
- The reference list should conform to the following style:
  - Journals*: J.C. Rolon, F. Aguerre, S. Candel, Experiments on the interaction between a vortex and a strained diffusion flame, Combust. Flame 100 (3) (1995) 422-429.
  - Books: P. Prasad, Propagation of a Curved Shock and Nonlinear Ray Theory, Longman Scientific & Technical, Harlow, U.K., 1993, p. 105.

- Edited Book: R.A. Yetter, F.L. Dryer, D.M Golden, in: M.Y. Hussaini, A. Kumar, F.G. Voigt (Eds.), Major Research Topics in Combustion, Springer-Verlag, New York, 1992, p. 309.
- Symposium Proceedings: All symposium papers associated with the International Symposium on Combustion should be cited in the following way: R.S. Cant, S.B. Pope, K.N.C. Bray, Modelling of flamelet surface-to-volume ratio in turbulent premixed combustion, Proc. Combust. Inst. 23 (1990) 809-815.
- Conference Proceedings: Conference Proceedings should be styled as a book, with publisher or institution sponsoring publication and the year published as well as the year the conference was held.
- Internal Reports: A.S. Johnson, F.W. Adams, Use of Laser Diagnostics in Supersonic Flows, Report No. SAND87-8003, Sandia National Laboratories, 1987. Authors must ensure that these references are publicly available.
- Citing non-archival publications is strongly discouraged and authors must ensure that these references are publicly available.
- Web Sites: V.V. Lissianski, Z. Qin, available at <http://www.me.berkeley.edu/gri_mech/>. Citation of websites should be restricted to stable websites that will remain in place. Reference to personal websites is strongly discouraged.
- Thesis: B. Bohm, *Fully Developed Polyethylene and Wood Compartment Fires with Application to Structural Design*, PhD thesis, Technical University of Denmark, Lyngby, Denmark, 1977.
- Personal communication and unpublished data are to be cited using parenthesis within the text.

*Note that titles are required for all journal articles.

Tables

- Number tables consecutively using Arabic numerals.
- Footnotes to tables should be indicated by superscript letters, beginning with “a”.
- Follow the style of *Proceedings of the Combustion Institute* Vol. 42 (2026), or see recent issues of *Combustion and Flame*.
- Examples are provided in the LaTeX and Word templates.

Figures

- Number figures consecutively using Arabic numerals.
- Lettering must be legible at the intended printed size.
- Use the style of *Proceedings of the Combustion Institute* Vol. 42 (2026), or see recent issues of *Combustion and Flame*.
- Examples are provided in the LaTeX and Word templates.
- See Artwork and Media Instructions for further information.

Supplementary Material

- Elsevier is able to accept electronic supplemental multi-media material to support and enhance the presentation of your scientific research in the electronic formats (published online).
- Submission of multi-media material is encouraged to support and enhance the presentation of your scientific research in electronic formats.

- Supplementary material is intended to be used for (for example) extensive data collections, large reaction mechanisms, videos/animations, etc. It is not intended as a way to circumvent the page limit. The paper must be complete and conclusive by itself.
- Supplementary material is not typeset; it is published exactly as it is submitted.
- Where supplemental files represent kinetic mechanisms, data tables, etc., it is recommended that they be included as text, word, or excel files rather than as PDF's to aid use by other authors.
- Name Supplemental figures and tables as Fig. S1, Table S1, etc.
- Include a reference to your paper (Author, Title, Proc. Combust. Inst. 43, 2027) in each file.
- Further information can be found in Elsevier's Guide for Authors.

Templates and Other Documents

The format of the submitted manuscript is detailed in the templates.

- The LaTeX template package can be accessed here. Start with the file README.txt:
  - https://www.combustioninstitute.org/docs/4._LaTeX_template-FINAL_PROCI_Volume_43_.zip
- The Word templates can be accessed here (.docx):
  - https://www.combustioninstitute.org/docs/3._Word_template-FINAL_PROCI_Vol_43_.docx
  - Note that the Word file that is provided is not strictly a Word template file. Rather, it is a standard Word document that can be used directly or as a model. The information in this document may be useful to users of other text editors or word processing packages.

A separate document has been provided with details on the online Elsevier Editorial Manager submission process.