

Instructions to Authors for Manuscript Preparation

39th International Symposium on Combustion

Submission Deadline: 23:59, PST, 5 January 2022

Manuscript Submission Format and Length (NOTE: THIS IS A MAJOR CHANGE FROM PREVIOUS SYMPOSIA)

- In previous Symposia, a significant burden has been placed on authors, reviewers, Symposium colloquium chairs/cochairs, and *Proceedings* editors associated with providing and checking detailed word counts.
- To simplify the process, all manuscripts submitted for the 39th Symposium must be submitted using a consistent format. Specifically, all manuscripts are to be submitted as a pdf file that is formatted in a manner that closely approximates the two-column layout of a paper that may be published in the *Proceedings*. Please note that the formatting of papers accepted for publication in the *Proceedings* may be different from the formatting for symposium submissions.
- The length limit for initial submissions is eight pages in the prescribed format. This includes a first page of front matter (title, authors, affiliations, abstract, and keywords), followed by a maximum of seven pages of two-column-formatted text, tables, figures, and references. The intent is that, if the manuscript were to be accepted for publication in the *Proceedings* without modification, the published paper would be no longer than eight pages. This corresponds to an equivalent word count (following the guidelines provided for earlier Symposia) of approximately 6000 words, excluding the front matter.
- It is understood that in the course of the review/revision process, a manuscript might eventually exceed this limit, if needed to address reviewers' comments. In that case, authors will need to provide a justification for the additional length, and it will be at the discretion of the handling Associate Editor to decide if the extra length is warranted.
- To assist authors in preparing their submissions in the required format, a Format Model is provided, together with templates for LaTeX and Word users. See the final section of this document for links to the Format Model and templates. Regardless of how a manuscript is prepared, it must be consistent with the Format Model and templates.
- **Manuscripts may be rejected without review if they are not submitted in the prescribed format, or if they exceed the page limit.**

Style and Organization

- Style follows the *Proceedings of the Combustion Institute* Vol. 38 (2021).
- Organize the manuscript as follows: Abstract, Keywords, Nomenclature (if used), Introduction, Main body, Conclusions, 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. 38 (2021), or in recent issues of *Combustion and Flame*, for further guidance.

References

- Reference formatting follows the style for *Proceedings of the Combustion Institute* Vol. 38 (2021).
- 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 is to be cited using parenthesis within the text.

*Note that titles are required for journal articles. These were removed in error at the final typesetting stage for Volume 38. The intent is that journal-article titles will be included in the final published papers for Volume 39.

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. 38 (2021), 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. 38 (2021), 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 the 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. 39, 2021) in each file.
- Further information can be found in Elsevier's [Guide for Authors](#).

Color Figures

- Authors must agree to pay charges for reproduction of color figures at the time of submission of the manuscript. The charge is expected to be approximately \$333 per figure. Exact cost will be determined at the time of production after it has been decided whether the paper will be published in the *Proceedings*.
- Color line drawings and images that are to be printed in grey scale must use line types, symbol shapes, colors, and image palettes that preserve technical content in grey scale.

Format Model and Templates

- The Format Model can be accessed here: <https://www.combustioninstitute.org/wp-content/uploads/2021/09/Volume-39-Format-Model.pdf>
- The LaTeX template package can be accessed here. Start with the file README.txt: https://www.combustioninstitute.org/volume-39-latex-template_final/
- The Word templates can be accessed here (.docx and .pdf):
 - https://www.combustioninstitute.org/volume-39-word-template_final/
 - https://www.combustioninstitute.org/wp-content/uploads/2021/09/Volume-39-Word-Template_Final.pdf
- 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.