

Instructions to Authors for Manuscript Preparation (Title)

- Proceedings of the Symposium (Japanese) on Combustion (Sub-title) -

GIFU, Taro¹, UKAI, Ayu^{1*}, NAGARA, Jiro¹, NAGOYA, Joe²

¹Nensho University, 1-8, Koyama Nishi-hanaikecho, Kyoto, 603-8148, Japan

²Combustion University, 5001 Baum Boulevard, Suite 644, Pittsburgh, 15213-1851, USA

Abstract : The abstract should consist of one paragraph, less than 150 words. The abstract should state briefly the purpose of the research, the principal results and major conclusions. In this study, effects of the unburned gas temperature and the equivalence ratio on the burning velocity of the methane / air mixture were investigated experimentally. A Bunsen burner of 19 mm inner diameter was used, and the burning velocities were obtained by the so-called “angle method”. The mixture flow rate was fixed at 24 L/min. Experimental results showed that the burning velocity took its maximum of 38 cm/s at $\phi = 1.05$. This result clearly indicated that the maximum burning velocity of methane / air mixture was slightly less than that of the propane / air mixture which was obtained in our previous work. (132 words)

Keywords : List up to a maximum of five keyword entries, Combustion, Flame, Burning velocity

1. Introduction

Organize the manuscript in the following order: Title, Author’s name and affiliation, Abstract, Keywords, Introduction, Main Body, Conclusions, Acknowledgments, References.

2. Objective

The objective of the symposium is to discuss the experimental, theoretical, and computational investigations on the combustion phenomena and closely allied matters.

3. Title and authors

The title and the authors (including speaker as well as the order) on the paper should be identical to the information on the registration.

4. Paper format

The manuscript should be in A4 size (210 × 297 mm) with the margins of; top: 25 mm, bottom: 15 mm, left: 16 mm, right: 16 mm.

5. Length of a paper

The number of pages should be two (2) to four (4) pages, including figures and tables.

6. Publication

The submitted papers will be published without proofreading.

7. Format

The manuscript is to be typed with “Times New Roman” in 9 pt, and the line spacing is to be fixed 11 pt. Followings are the formats for each term.

7.1. Title

Title is to be left-aligned and typed with “Arial” in 11 pt. The line spacing is 16.5 pt. If the paper has sub-title, it should be put between hyphens and typed with “Arial” of 10 pt.

7.2. Author’s name and affiliation

7.2.1. Name

The name should be typed with “Times New Roman” in 9 pt after the one blank line of the title (or subtitle). Surname and first name should be separated by comma, and surname should be the upper case. A symbol “*” should be put on the end of the speaker’s first name.

7.2.2. Affiliation

Affiliation of the author is to be typed next of the author’s name by *italic*, in 8 pt “Times New Roman”. The author’s name and affiliation must be within a line.

7.3. Abstract

The abstract should consist of one paragraph equal to or less than 150 words, in 8 pt “Times New Roman”. The abstract should state briefly the purpose of the research, the principal results and major conclusions. Leave one blank line between the author’s name and the abstract.

7.4. Key words

List up to a maximum of five keyword entries after the one blank line of the abstract in 8 pt.

7.5. Main body

The main body should be composed of two columns. Each column must be 86 mm wide and the spacing between the columns must be 6 mm.

7.5.1. Index

Index of each section is “Arial” in 9 pt, left-aligned. It must be follow the “point system”, as shown below,

- 1. ...
- 1.1. ...
- 1.1.1. ...

7.5.2. Text

Each section should be typed from the next line of the index with “Times New Roman” in **9 pt**.

7.6. Table and Figure

Tables should be numbered consecutively, beginning with “1”. Also the Figures should be numbered consecutively from “Fig. 1”. The captions should be typed above the tables, and below the figures, for instance, “Fig. 1 Schematic of the computational domain.” The tables and figures must be reduced to fit within the margins of each column.

123456789012345678901234567890123456789012345678901234
OO
OO
OO
123456789012345678901234567890123456789012345678901234

References

References should be indicated in the text by full-size numbers in brackets, e.g., [1] and should be numbered in the order cited.

The numbered reference list at the end of the article should conform to the following style:

1. Author1, A., Author2, B. and Author3, C., Proc. Combust. Inst. 34: 1001-1008 (2013).
2. Author1, A., Author2, B. and Author3, C., Proc. 9th ASPACC, pp. 501-504, 2013.
3. Author1, A., Combustion book, pp.101-110, 2016.

Paper submission

The file format must be PDF. The manuscript can be submitted **by the online submission system**. Follow the instructions on the online submission page. If the online page does not work, please send the file to the symposium office by E-mail.