

<Paper Number>

(Title: centering) (Times New Roman, Bold, 18pt)

Title of the Draft for COMODIA Full-Length Manuscript

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(Authors: centering) (Times New Roman, 14pt, *:Speaker) (double space)

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(Address: centering) (Times New Roman, Italic, 12pt) (double space)

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(Key Words: centering) (Times New Roman, 12pt) (use the italic font for a word of "Key Words".) (double space)

Key Words: Combustion, Modeling, Diagnostics (within 5 words)

(Centering) (Times New Roman, Bold, 14pt) (double space)

ABSTRACT

(Times New Roman, 10pt)

The first page starts with title, author(s), affiliation(s), key words and ABSTRACT, which should be written in single column. The main body then follows with double column arrangement. This is the example of the part of single column, and the example of main body is also available below. The ABSTRACT should not include figures and tables. The main body beginning with INTRODUCTION should follow the ABSTRACT. The number of total page of the manuscript should be **10 pages or less**. The authors should send the electric file of Full-Length Draft together with cover page to Program/Technical Committee with your identification number by e-mail.

(double space)

INTRODUCTION (Times New Roman, Bold, 11pt)

(Times New Roman, 10pt) The main body has to be written in double column layout. Please indicate references in the text by full-sized numbers in brackets, i.e. [1].

In Fig.1, margins and layout of the text are shown schematically.

Right column of the first page is starting. Introduction is continuing and continuing.

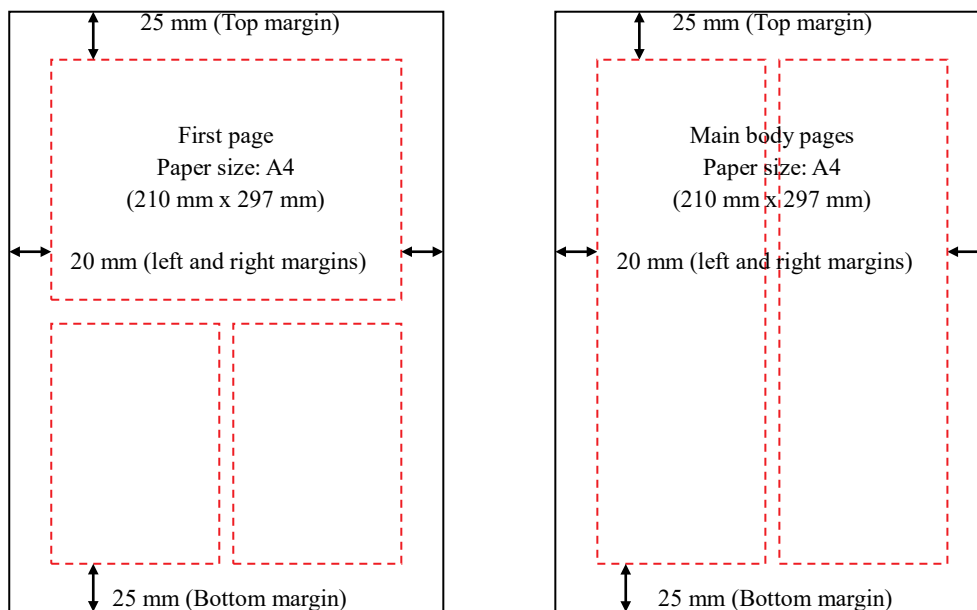


Fig. 1 Margins and columns (Large figure or table can occupy both columns)

Introduction is continuing and continuing in the left column in the case of this example.

the right column.

This is the end of the introduction.
(double space)

EXPERIMENTAL SETUP

This is the beginning of the new section.

This is the end of the section.
(double space)

CONCLUSIONS

This is the conclusion.

This is the end of the section.
(double space)

RESULTS AND DISCUSSIONS

These are the results. Please put double space between the sentence and Figures/Tables.
(double space)

Results and discussions are continuing and continuing in

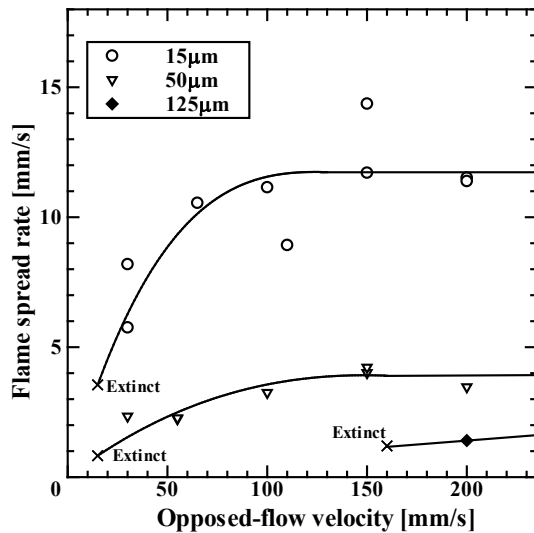


Fig. 2 Spread rate vs. opposed-flow velocity in 21% O₂ and 1atm (in micro-gravity)

Table 1 Spread rate in a quiescent environment with varying the oxygen level and the fuel thickness

Thickness \ O ₂ level	15µm	50µm	125µm
21%	extinct 13.4mm/s	extinct 4.2 mm/s	extinct 1.4 mm/s
30%	18.6 mm/s 28.3 mm/s	4.1 mm/s 10.0 mm/s	extinct 3.2 mm/s
50%	39.1 mm/s 55.1 mm/s	18.9 mm/s 22.8 mm/s	unsteady 8.1 mm/s

*The upper is the spread rate in micro-gravity and the lower is that in normal-gravity.

That's all.

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Acknowledgements (Times New Roman, Italic, 10pt)

Thanks.

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NOMENCLATURE (if necessary)

c: Sonic speed

d: Diameter

L: Length

β : Zeldovich number

τ : Thickness

Subscript (Italic)

a: Air

f: Fuel

(double space)

REFERENCES

- [1] **JOURNALS**: Baxter, L.L., Mitchell, R.E., and Fletcher, T.H., *Combust. Flame* 108:494 (1997).
- [2] **BOOKS**: Griffiths, J.F. and Barnard, J.A., *Flame and Combustion* (3rd ed) Blackie Academic & Professional, Glasgow, 1995, p. 130.
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- [4] **INTERNAL REPORT**: Margolis, S.B., Williams, F.A., and Telengator, A.M., "Combustion of Porous Energetic Materials in the Merged-Flame Regime," Sandia National Laboratories Report No. SAND96-8212 UC-1409.