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Title of the Paper [14 pt Arial, bold-faced, Centered]
(Subtitle if necessary) [11 pt Arial, bold-faced, Centered]

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Taro KYOTO*, Hanako TOKYO and Jiro SENDAI [10 pt Times New Roman font, Centered]

Kyoto Univ. The Univ. of Tokyo Tohoku Univ. [9 pt Times New Roman font, Just below author]

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This template demonstrates the format for the research paper [Atomization]. The paper must be submitted in this format. The first page of the paper should include the title of the paper, (the subtitle if necessary), Author(s), affiliation(s), abstract (about 300 words), keywords (between 5 and 10 words) and the body of the text without page number. The title of the paper, the author’s name(s) and affiliation(s) should be centered and at the top of the first page. The title should be in 14 pt Arial, bold-faced. The author’s name(s) should be 10 pt Times New Roman font and affiliation(s) should be in 9 pt Times New Roman font, but should not be bold-faced. There should be one blank line between the title and the author’s name(s). A superscript (*) should be added after the name of the corresponding author and a footnote should be added at the bottom of the first column on the first page indicating that the superscript identifies the corresponding author. The footnote should be separated from the text by a solid line and 9 pt Times New Roman font. The abstract (about 300 words) should follow the address(es). There should be two blank lines between the affiliation(s) and the abstract. The abstract should be 9 pt Times New Roman font and one column, the full width of the margins. It should state the most important specific objectives, the major results and the most significant conclusions of this paper.

(15 mm indent on both sides, 9 pt Times New Roman font)

.....
.....
Keywords: Atomization, Diesel Engine, Fuel Injection, Hole Nozzle, Spray Angle, Diameter (between 5 and 10 words, 9 pt Times New Roman font)

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1. Introduction [10 pt Arial, bold-faced, Left-aligned]

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This paper format quoted from the paper templates of ILASS Americas and ILASS Europe conference. Thus, the beginning of a sentence and after a new paragraph should take five single spaces.

This is information about the body of the text. Papers must be written in English. In general, paper should be consisted of **1. Introduction, 2. Experimental Apparatus and Method, 3. Experimental Results and Discussion, 4. Conclusions, Nomenclature and References.** Author(s) may insert **Acknowledgements** in the text following the conclusions, if necessary.

Papers must be set in a Times New Roman. The text should be 9 pt Times New Roman font. There is no maximum paper length. Allowed paper length is between 6 and 10 pages. The paper must be set in a two column format with a 9 pt font. The paper will be printed in A4 size. Top and bottom margins are 20 mm, respectively. Left and right margins are 15 mm, respectively. The paper will be printed in gray scale, and the author(s) should take account of that when preparing the manuscript.

The width of the title and the subtitle (if necessary) of the paper may not exceed 140 mm per line. Headings of sections within the paper should be bold-faced and aligned to the left of the column.

Page numbers should not be printed on the text. Although the author(s) may use traditional units; for instance, [bar] for SI unit of pressure [Pa], units recommend for using SI units in all text, tables and figures. The author(s) should uniform the unit writing system.

The corresponding author should be mentioned in the footnote the following items; Received (Only language), [More than 1 blank line] (9 pt Times New Roman font)

including zip code and E-mail.

The footnote should place conforming the example of this template. Between the text and the footnote should be enter more than one blank line to set a line wide.

2. Chapter Title [10 pt Arial, bold-faced, Left-aligned]

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Chapter number and title are left-aligned and written in 10 pt Arial, bold-faced. Allow one blank line above and below the chapter title.

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2.1 Section Number and Title of the Paper are Written Like this Example [10 pt Arial, bold-faced, Left-aligned]

Section number and title are left-aligned and written in 10 pt Arial and bold-faced. Allow one blank line above the section title.

2.1.1 Subsection Number and Title of the Paper are Written Like this Example [9 pt Arial, bold-faced, Left-aligned,]

Subsection number and title are left-aligned and written in 9 pt Arial and bold-faced. A blank line is not required above the subsection title.

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3. Tables and Figures [10 pt Arial, bold-faced, Left-aligned]

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Briefly and descriptively title each table and caption each figure. Tables and Figures should be numbered separately, and the order in which they appear should correspond to the order in which they are referenced. The word “Table” and its number and the word “Figure” and its number should appear in bold-faced, Times New Roman font of minimum 10 pt, followed by a period, followed by a caption in minimum normal 10 pt, as illustrated in by Tables and Figures in this document.

Captions should be centered. The word “Table” should always be capitalized and may not be abbreviated in the text, but may be abbreviated in the figure caption. The words and the numbers “Table” and “Figure” should also be capitalized and should

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not be abbreviated and should be abbreviated in the document, for instances, “Table 1” and “Fig. 1”. Except at the beginning of a sentence, where “Figure 1” should be used.

Tables and Figures should appear in portrait format whenever possible. Tables and Figures may span a single column or they may span both columns when necessary, as illustrated in this document. They may appear in the text as they occur, or all at the end of the paper after the references. The labels, symbols and other information on the illustrations should have minimum size corresponding to 10 pt Times New Roman font when printed.

Authors are encouraged to include as much information as possible in the captions to avoid excessive clutter in their Tables and Figures.

When authors reprinted Table or Figure from the reference, authors must specify [Reproduced from Ref. (7)] at directly of the title of Table or Figure.

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Table 1. Example of a table.
[Reproduced from Ref. (7)]

	Item No.1	Item No.2	Item No.3
Sample No.1	10	120	551
Sample No.2	15	250	771
Sample No.3	25	370	991

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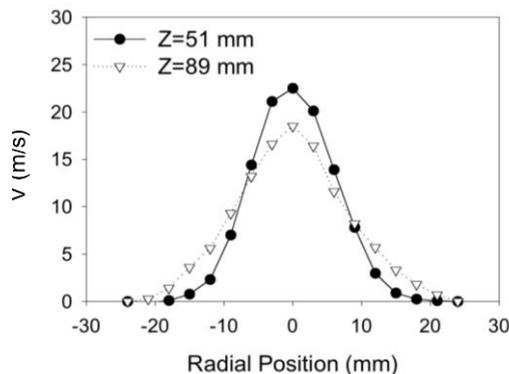


Figure 1. Example of a figure.
[Reproduced from Ref. (7)]

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Authors should use more than 1 blank line before and after the text and Table, and Figure.

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4. Equations [10 pt Arial, bold-faced, Left-aligned]

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The beginning of equations do not provide, with the equation number in parentheses in sequential order included right-justified, as in the below equations;

[1 blank line] (9 pt Times New Roman font)

$$\frac{\partial u}{\partial x} + \frac{\partial v}{\partial y} + \frac{\partial w}{\partial z} = 0 \quad (1)$$

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$$F = m \cdot a \quad (2)$$

[1 blank line] (9 pt Times New Roman font)

Equations should be separated from text by one blank line, and may be referred to by equation number. All symbols should be printed in italics or otherwise according to conventional practice, both in the equations and in the text. An example of how italics and equation numbers should be used is given here in referring to in the above equations (1) and (2).

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Nomenclature [10 pt Arial, bold-faced, Left-aligned]

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If symbols are used extensively, a nomenclature section should be included. The nomenclature section should immediately precede the references. Use standard symbols for quantities whenever possible, for instances D for diameter or ρ for density. The nomenclature section should begin with English symbols first in alphabetic order, followed by Greek and other symbols. For Greek and other non-standard characters, the TrueType Symbol font should be used. Subscripts and superscripts should be listed in separate sections. Acronyms and Abbreviations (A&A) should be indicated in parentheses at their first mentioning.

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a Acceleration [m/s²]

F Force [N]

m Mass [kg]

ρ Density [kg/m³]

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Subscripts

g Gas

l Liquid

[1 blank line] (9 pt Times New Roman font)

Superscripts

d Downstream

u Upstream

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References [10 pt Arial, bold-faced, Left-aligned]

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References should be styled and punctuated according to the following examples: Journal articles [1], Books [2], Thesis [3], Proceedings of symposium [4], Reports [5] and Edited books [6].

[1] Kim, J. Y., Chu, J. H. and Lee, S. Y., Improvement of Pattern Recognition Algorithm for Drop Size Measurement, Atomization and Sprays, Vol. 9, pp. 313-329, 1999.

[2] Lefebvre, A. H., Atomization and Sprays, Hemisphere Publishing Corp., 1989.

[3] Kim, J. Y., Study of Internal Flow Characteristics and Atomization Performance of Effervescent Atomizers, Ph.D. Thesis, Korea Advanced Institute of Science and Technology, 2000.

[4] Kim, J. Y. and Lee, S. Y., Formation of Two-phase Flow Pattern within Effervescent Atomizers, Proc. 4th Annual Conference on Liquid Atomization and Spray Systems-Asia (ILASS-Asia '99), pp. 163-168, 1999.

[5] Book, E. and Bratman, H., Using Compilers to Build Compilers, Systems Development Corp., Rept. SP-176, Santa Monica, Calif., Aug. 1960.

[6] Bolle, L. and Moureau, J. C., Spray Cooling of Hot Surfaces, in Hewitt, G. F., Delhay, J. M. and Zuber, N. (eds.), Multiphase Science and Technology, Vol. 1, Chap. 1, Hemisphere Publishing Corp., 1982.

[7] Paper Template, ILASS Americas 27th Annual Conference on Liquid Atomization and Spray Systems, 2015.