#### **TITLE OF THE PAPER** [centered, 14pt block letter bold, all caps] (Subtitle if Necessary) [centered, 11pt block letter bold]

[1 blank line]

[1 blank line]

Taro KYOTO<sup>1</sup>\*, Hanako TOKYO<sup>2</sup>, Jiro SENDAI<sup>3</sup>, Saburo HIROSHIMA<sup>4</sup> [10pt times letter]

<sup>1\*</sup>Department of Mechanical Engineering, Kyoto University, Japan [9pt times letter] <sup>2</sup>Department of Aeronautics and Astronautics, The University of Tokyo, Japan <sup>3</sup>Department of Mechanical Systems and Design, Tohoku University, Japan <sup>4</sup>Department of Mechanical Systems Engineering, Hiroshima University, Japan

[2 blank lines]

In the previous paper, the authors presented several experimental results on the characteristics of atomization by means of a hole nozzle. In this paper, the modeling .....

(15mm indent on both sides, 9pt times letter)

Keywords: Atomization, Hole Nozzle, Exciplex Method, Spray Angle, ..... Diameter (between 5 and 10 words, 9pt times letter)

[2 blank lines]

#### 1. INTRODUCTION

[1 blank line]

# This is a paper format for the proceedings of the 20th Annual Conference of ILASS-Asia. The paper will be formatted in A4 size. Top and bottom margins are 20 mm. Left and right margins are 15 mm. Allowed paper length is MAXIMUM 8 PAGES.

The width of main title and subtitle of the paper may not exceed 140 mm per line. Mark the corresponding author and her/his affiliation by "\*". Provide at least an e-mail address of the corresponding author. Do not create a hyperlink in the e-mail address, and the e-mail address does not need an underline. [1 blank line]

## **2 CHAPTER TITLE** [centered, 10pt block letter bold] [1 blank line]

Chapter number and title are centered and written in 10pt block letter bold and in all caps. Allow one blank line above and below the chapter title.

Main body is in 9pt times letter.

[1 blank line]

2.1 Section title of the paper is written like this example [left-aligned, 10pt block letter bold]

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

2.1.1 Subsection title of the paper is written like this example [left-aligned, 9pt block letter bold]

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

[1 blank line]

#### **3. TABLES AND FIGURES**

[1 blank line]

(1) Briefly and descriptively title each table and caption each figure. Place table title above the table; place figure caption below the figure. Table titles and figure captions are centered and written in 9pt times letter. Number tables like "Table 1, Table 2, ..." and figures like "Fig. 1, Fig. 2, ...".

\* Corresponding author: kyoto.taro@xxxxx-u.ac.jp

- (2) Refer to each table and figure in the main body. Place tables and figures in the order mentioned in the text as close as possible to text reference. When referring to a figure in the text, write "Fig. 1", except at the beginning of a sentence, where "Figure 1" should be used.
- (3) Allow one line of space between the table title and the table (or between the figure and its caption). Allow two lines of space between the table or figure and the adjacent text.
- (4) Letters and symbols in tables and figures must be clearly readable. High-quality reproduction of illustrations depends on the condition of the original artwork. It should be prepared as carefully as the text. All figures should be clear, sharp, and of high quality.
- (5) Color photographs are accepted.
- [1 blank line]

### 4. EQUATIONS, UNITS AND NOMENCLATURE

- [1 blank line]
- (1) Equations should be typed. Allow one line of space above and below. Number displayed equations consecutively from Eq. (1) to the end of the paper. Example:

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

When referring to an equation in the text, write "Eq. (1)", except at the beginning of a sentence, where "Equation (1)" should be used.

(2) Each paper must have a separate nomenclature section that lists in detail and unambiguously all the symbols used in the text and their definitions. Each dimensional symbol must have SI units. All dimensionless groups and coefficients must be indicated as dimensionless after their definitions. All Latin symbols (dimensional and dimensionless) should be listed in an alphabetic order. All Greek symbols follow the Latin symbols. Subscripts and superscripts follow Greek symbols and should be identified by a minor heading. Symbols should be italicized throughout the text.

#### 5. CONCLUSIONS

<sup>[1</sup> blank line]

[1 blank line]

The prepared manuscript must be converted to PDF FORMAT by the author. All the fonts must be embedded, and "press quality" is recommended when converting. The converted PDF file must be submitted from ILASS-ASIA paper submission page NO LATER THAN SEPTEMBER 2, 2019. The submitted paper needs to be already a camera-ready version if the paper is accepted. [1 blank line]

#### REFERENCES

[1 blank line]

References to cited literature should be identified in the text in square brackets and grouped at the end of the paper in numerical order of appearance. References should be styled and punctuated according to the following examples: journal article [1], book [2], thesis [3], proceedings [4], report [5] and edited book [6].

- 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.
- 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.
- Book, E. and Bratman, H., Using Compilers to Build Compilers, Systems Development Corp., Rept. SP-176, Santa Monica, Calif., Aug. 1960.
- Bolle, L. and Moureau, J. C., Spray Cooling of Hot Surfaces, in Hewitt, G. F., Delhaye, J. M. and Zuber, N. (eds.), Multiphase Science and Technology, Vol. 1, Chap. 1, Hemisphere Publishing Corp., 1982.