**Extended Abstract for JSSUME 2018**

**(Bold, Times New Roman, 16 pt)**

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**Keywords:** *keyword1, keyword2, keyword3, keyword4, keyword5* (3 to 5 keywords)

**1. INTRODUCTION**

This is the template of the extended abstract for the 15th Joint Symposium between Sister Universities in Mechanical Engineering (JSSUME2018) held at Hamamatsu campus of Shizuoka University, Japan during August 18-20. Please use this template to prepare your extended abstract. The abstract must be submitted to *jssume18(at)suml.cii.shizuoka.ac.jp* directly by E-mail in both MS-Word and PDF files. The total size of your submission must be less than 4.5 MB. The deadline for submission is June 29th, 2018. If you have any questions about submission, please contact *jssume18(at)suml.cii.shizuoka.ac.jp*

**2. LAYOUT AND STYLE**

**2.1 Paper length and layout**

The length of your abstract is **2 pages** including tables, figures and references. The abstract should be prepared in a single-column, single-space format in A4 size.

**2.2 Text font**

The body text of the abstract should be written in Times or Times New Roman font of 12 pt.

**2.3 Headings**

Your paper can be divided into Sections, Subsections and Sub-subsections. First-level headings except for the References and Acknowledgments should be numbered, typed in bold capital, 12 pt and centered in a line. Second-level headings should be typed in bold lower case (initial capital), 12 pt, and left aligned.

*2.3.1 Sub-subsection headings*

The third-level headings should be typed in italic with an initial capital, 12pt, and left aligned.

**2.4 Citing references**

References should be cited using Arabic numerals between square brackets [1]. The references in the bibliography must be placed at the end of the extended abstract [2, 3]. The format of bibliography is displayed by the example at the end of this template.

**3. FIGURES, TABLES AND EQUATIONS**

All Figures and Tables should be placed as close as possible to where they are first mentioned.

**3.1 Figures**

All figures should be clear enough with high quality. Although color figures are available in the electronic version, the book of abstracts is printed in black-and-white. Please ensure that the details can be caught clearly in black-and-white copies. The caption of each figure should be 12 pt, lower case letters (initial capital), and centered just below the figure. The example of figure is shown in Fig. 1.

**3.2 Tables**

The text in a Table should be in Times or Times New Roman font of 12 pt. The table caption should be also 12 pt, lower case letters (initial capital), and centered just above the table. Table 1 below is an example of the table.

|  |  |  |
| --- | --- | --- |
| Location | Year | Date |
| Hamamatsu  Jeju  Yokohama | 2018  2016  2014 | Aug. 18-20  Sep. 2-4  Aug. 15-17 |

Table 1 JSSUME history.

Figure 1

Figure 1 Example of figure.

**3.3 Equations**

Equations should be set separately from the text, centered and numbered consecutively using right-aligned Arabic numerals:

 (1)

Equations should be cited as “Eq. (X)”, except for the beginning of a sentence, in which case they should be cited as “Equation (X)”.

**REFERENCES**

1. (Journal paper) M. Fukuta, J. Sumiyama, M. Motozawa and T. Yanagisawa, Surface tension measurement of oil/refrigerant mixture by maximum bubble pressure method, *International Journal of Refrigeration*, **73**(2017), pp. 125-133.
2. (Proceedings) M. Fukuta, D. Ogi, M. Motozawa, T. Yanagisawa, S. Iwanami and T. Hotta, Seal Mechanism of Tip Seal in Scroll Compressor, *Proc. 2014 Purdue Conf., 22nd Int. Compressor Eng. Conf.*, Purdue, (2014), 1255.
3. (Book) JSRAE Compressor Technology Committee, *Compressors for Air Conditioning and Refrigeration*,Japan Society of Refrigerating and Air Conditioning Engineers, (2018), Chap. 6.