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# **ABSTRACT**

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#### 1. INTRODUCTION

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You should embed all of figures, tables, and equations in your text. We cannot accept the separated files containing your figures, tables, or equations. You can use colored figures and photographs if you want.

# 2. FORMAT

# 2.1 Equations

Equations should be written as shown below, which should be numbered in Arabic numerals with parenthesis.

$$\frac{\partial \alpha_g \rho_g}{\partial t} + \frac{\partial \alpha_g \rho_g u_g}{\partial z} = 0 \tag{1}$$

## 2.2 Figures and Tables

Figures and tables are preferably placed right after their citation in the text. They may be placed collectively at the end of the text. When figures and/or tables have large width, they can be placed in a single column.

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Fig. 1 The logo of the Japan Society of Mechanical Engineers



Fig. 2 The logo of the Atomic Energy Society of Japan

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# 4. CONCLUSIONS

We are looking forward to seeing you at the FDR2024.

# **NOMENCLATURE**

- A area of bubble surface
- u velocity

#### **Greek letters**

- $\alpha$  void fraction
- $\rho$  density

# **Subscripts**

- g gas phase
- l liquid phase

#### **ACKNOWLEDGMENTS**

Acknowledgments are placed here if needed.

#### REFERENCES

- Inoue, K., et al., 2004, A study on materials for advanced nuclear reactors, J. Nucl. Mater., Vol. 1, pp. 11-21.
- Suzuki, A., 2006a, Review of recent reserches in Japan, JAEA-Reserach 2006-001.
- Suzuki, A., 2006b, Review of recent reserches on nuclear engineering, JAEA-Reserach 2006-002.