

Instructions of preparing abstract or full paper for ICCM

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Abstract

This document does not have any scientific significance. It describes purely the format instructions for abstract (within 1 page), extended-abstract (2-3 pages) and full-paper (4-20 pages) for ICCM. Note that we will produce one Presentation (including the extended-abstracts) online and a Full-Paper Proceedings. Only the full paper proceeding will be submitted to SCI to apply for indexing, which is based on the SCI regulations. We do not guarantee that the paper proceedings will be indexed by SCI. We will definitely apply for it.

It is our intension to be flexible in format, yet maintain a reasonable consistency in the proceedings. The unified template for abstract/paper is available at (<http://www.sci-en-tech.com/file4download/ICCM/Template.zip>) that contain files in both WinWord and PDF format. It is the author's choice to submit either an abstract (or extended-abstract) or a full-paper, using this same template. In all cases, please provide approximately 4-6 keywords that best reflect the scientific/technical contents, for easy indexing when readers are trying to search for abstracts or papers. The editor(s) of the proceeding have the right not to include the accepted abstractors or full-papers into the proceedings, if the format does not meet the standard format given by the templates.

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Keywords: Computation

Introduction

The abstracts and papers will all be peer-reviewed and be published in the online Proceedings. The selected papers will be recommended for publication in a special issue in one of the conference official journals. Authors are encouraged to make the paper as concise as possible, considering readers may choose to print hardcopy of your paper. Author will be asked to reduce the length and size, if it is too extreme.

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Format Requirements

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General Format Requirements

The general format requirements are as follows:

1. *Paper* (A4 size paper): the full paper should have word limit of 20,000.
2. *Margins*: 2.5 cm top, bottom and both sides
3. *Header and footer*: Leave blank
4. *Title*: **14 pt bold Times New Roman, centered.**
5. *Authors Affiliation*: Name: 12 pt bold Times New Roman; address: 10 pt Times New Roman
6. *Section Headings*: 12 pt bold Times New Roman.
7. *Section Subheadings*: 12 pt italic Times New Roman
8. *Body text*: 12 pt Times or Times New Roman, single spacing, justified on both margins, one blank line between paragraphs, no indentation for beginning of a paragraph
9. *Figures*: Insert in text where appropriate, with 12 pt Times New Roman caption centered below the figure as shown in the example below.
10. *Tables*: As with Figures, but with caption centered above the table.
11. *Equations*: Centered, with equation number at the right, one blank line above and below
12. *Units*: SI units are preferred
13. *References*: 10 pt times.

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$$F = ma \quad (1)$$

An example of an equation is shown in Eq. (1) above. Figure and table examples are given in Fig. 1 and Table 1 below.

Table 1. Identified results

Actual Value	Results for different noise levels	
	free	2%
0.973	0.967(-0.6%)	0.974(0.1%)
0.875	0.860(-1.7%)	0.866(-1.0%)
0.657	0.656(-0.01%)	0.671(2.1%)
0.488	0.488(0%)	0.502(2.9%)
0.271	0.276(2.0%)	0.259(-4.3%)

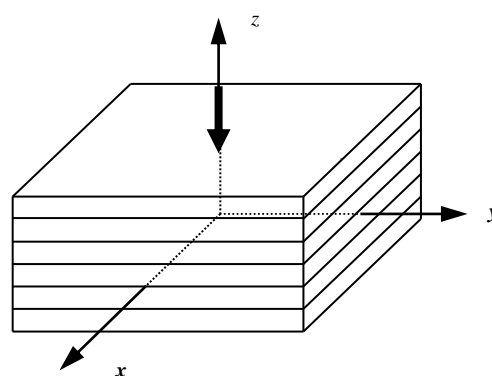


Figure 1. A plate not for meal

Conclusions

References should be numbered and appear at the end of the paper. The citations to them in the text must identify them by authors' names and year of publication. References should be

cited in text in square brackets by numbering [1]. If a citation cites two or more papers, they should be cited as [2]-[8] or [3][5][10].

If you have any questions concerning these format instructions, please contact ICCM Manager Joanne Wang by e-mail at iccmdesk@gmail.com.

References

- [1] Li, Y., Liu, G. R., Luan, M. T., Dai, K. Y., Zhong, Z. H., Li, G. Y. and Han, X. (2007) Contact analysis for solids based on linearly conforming radial point interpolation method, *Computational Mechanics* **39**, 537–554.
- [2] Liu, G. R. and Gu, Y. T. (2001) A point interpolation method for two-dimensional solids, *International Journal for Numerical Methods in Engineering* **50**, 937–951.
- [3] Liu, G. R. (2009) *Meshfree Methods: Moving Beyond the Finite Element Method*, 2nd edn, CRC Press, Boca Raton, USA.
- [4] Liu, G. R. and Liu, M. B. (2003) *Smoothed Particle Hydrodynamics — A Meshfree Particle Method*, Chapter 6, World Scientific, Singapore.
- [5] Liu, G. R., *Wave propagation in an inhomogeneous anisotropic plate and its impact responses*, PhD Thesis, Tokoku University, Japan, 1991.
- [6] Liu, G. R., Chen Meng, and Li, M., Lower Bound of Eigenvalue Solution Using the NS-FEM, *Proceedings of 6th International Conference on Computational Methods*, Auckland, New Zealand, 2015, G. R. Liu and Raj Das, Eds, Paper 1353, ScienTech Publisher. <http://www.sci-en-tech.com/ICCM2015/ICCM2015-Proceedings.pdf>.
- [7] Liu, G. R. and Gu, Y. T., A matrix triangularization algorithm for point interpolation method, *Proceedings of the Asia-Pacific Vibration Conference*, Bangchun, W., Ed., Hangzhou, China, 2001, 1151–1154.
- [8] Liu, G. R., Dai, K. Y. and Nguyen, T. T. (2007) A smoothed finite element method for mechanics problems, *Computational Mechanics* **39**, 859–877.
- [9] Liu, G. R., Nguyen, T. T., Dai, K. Y. and Lam, K. Y. (2007a) Theoretical aspects of the smoothed finite element method (SFEM), *International Journal for Numerical Methods in Engineering* **71**, 902–930.
- [10] Liu, G. R., Nguyen, T. T., Nguyen, X. H. and Lam, K. Y. (2007b) A node-based smoothed finite element method (N-SFEM) for upper bound solutions to solid mechanics problems, *Computers and Structures* (submitted).