

## **Manuscript Submission Guidelines**

1. Submission of manuscripts is welcomed for consideration. Manuscripts written in good English should not have been published elsewhere, or submitted simultaneously to other journals. Manuscripts need to have grammar check and spell check before submission.
2. The following types of contributions will be considered:
  - 2.1) Papers describing original research; or
  - 2.2) Literature reviews of 3,000 to 10,000 words.
3. All contributions will be reviewed by two or more referees for technical merit, quality of scientific content, and utility of the results and may require revisions before final acceptance. The final decision concerning the acceptance or rejection of a paper is made by the editors.
4. Authors are requested to submit their manuscript online through our online submission system at <http://ojs.materialsconnex.com/index.php/jmmm/index>. The preferred format of Microsoft (MS) Word for their manuscript source files should be uploaded. The use of copyrighted materials from other sources must obtain written permission. Any enquiries regarding submission of the manuscript, please contact: jmmm@chula.ac.th
5. After a manuscript has been accepted for publication and after all revisions have been incorporated, necessary electronic files or artworks may be requested.
6. The length of manuscripts should be less than 10,000 words equivalent although in special circumstances longer paper will be considered. All pages should be numbered consecutively. Times New Roman font and a font size of 12 pt are required for the whole manuscripts except for the titles using 14 pt Times New Roman bold. Italic is used in affiliation section. The text is in single-column format. The top, bottom, left and right margins are set to 2.54 cm.
7. Follow this order when typing manuscripts: Title, Authors, Affiliations, Abstract, Keywords, Introduction, Experimental, Results and discussion, Conclusions, Acknowledgements, References, Figure captions, Figures and Tables. Manuscripts are divided into defined and numbered sections, except the abstract. For subsections, they are numbered 1.1 (then 1.1.1, 1.1.2, 1.1.3, ...), 1.2, 1.3, etc.

### ***Title***

Titles should be brief, clear and informative. Active verb, numerical values, formulae, abbreviations and punctuation are to be avoided.

### ***Authors***

All authors indicate full first names and full last names. The corresponding author should be identified with an asterisk and footnote. All other footnotes (except for table footnotes) should be identified with superscript Arabic numbers.

### ***Affiliations***

The affiliations should comprise institutional addresses of all authors. For office purposes, the complete mailing address of the corresponding author must be provided, including telephone number, fax number and official e-mail address. The e-mail address of the corresponding author(s) must be institutional account, not the personal.

## **Abstract**

An abstract (maximum length 200 words) of the main contributions in the paper is required. This abstract should be carefully prepared, for it is automatically the source of most abstracting services. A short summary of the whole paper, not the conclusions alone, should form the abstract.

## **Keywords**

A list of 3-5 keywords is to be provided directly below the abstract. Keywords should express the precise content of the manuscript, as they are used for indexing purposes. General and plural terms should be avoided.

## **Main text**

The main text includes Introduction, Experimental, Results and discussion, and Conclusions. The Introduction should provide a sufficient background and work objectives. The Experimental should provide an adequate detail for reproducing the work. The Results and discussion should be clear and suitable. 14 pt Times New Roman bold is used for headings and 12 pt Times New Roman regular is used in the text. The nomenclature sponsored by the International Union of Pure and Applied Chemistry (IUPAC) is requested for chemical compounds. Chemical bonds should be correctly placed, and double bonds clearly indicated. Valence is to be indicated by superscript plus and minus signs. The use of the international system of units (SI) is preferred. Use negative indices rather than “/” and leave space between symbols, e.g.  $\text{ms}^{-1}$  or m/s. Examples of the symbols, which may be used, are s, min, h, mg, g, kg, nm,  $\mu\text{m}$ , mm, cm, m,  $^{\circ}\text{C}$  and %.

## **Acknowledgements**

Acknowledgements should be brief and follow the main text and appear before the reference list and be headed Acknowledgements in the left-hand margin and are not to exceed 800 words.

## **References**

All references listed in the Reference List are cited in the main text. The reference style used is the same style as IEEE format in EndNote.

For the in-text citation, references are indicated by numbers in square brackets in line with the text. Examples: ‘.....good insulators [19]. Rowell [20] has reported that.....’ and ‘.....examined [21]. Du et al. [22] treated fibres at.....’

For the reference list, the references (numbers in square brackets) are numbered in the list in the order appearing in the text.

Reference to a journal:

[#] First name initial. Last name, First name initial. Last name, and First name initial. Last name, “Title,” *Journal Name*, Volume, Page(s), Year published.

Example:

[1] K. Adekunle, C. Patzelt, A. Kalantar, and M. Skrifvars, "Mechanical and viscoelastic properties of soybean oil thermoset reinforced with jute fabrics and carded lyocell fiber," *Journal of Applied Polymer Science*, vol. 122, pp. 2855-2863, 2011.

Reference to a book:

[#] First name initial. Last name and First name initial. Last name, *Title.*, City: Publisher, Year published.

Example:

[2] I. M. Daniel and O. Ishai, *Engineering mechanics of composite materials*. New York: Oxford University Press, Inc., 1994.

Reference to a chapter in an edited book:

- [#] First name initial. Last name, First name initial. Last name, and First name initial. Last name, "Chapter title," in *Book title*, First name initial. Last name, First name initial. Last name, and First name initial. Last name, Eds., 1<sup>st</sup> ed., City: Publisher, Year published, Page(s).

Example:

- [3] S. Borysiak, D. Paukszta, P. Batkowska, and J. Mankowski, "The structure, morphology, and mechanical properties of thermoplastic composites with lignocellulosic fiber," in *Cellulose fibers: Bio- and nano-polymer composites*, S. Kalia, B. S. Kaith, and I. Kaur, Eds., 2<sup>nd</sup> ed., Heidelberg, Dordrecht, London, New York: Springer, 2011, pp. 263-290.

Reference to a conference proceeding:

- [#] First name initial. Last name and First name initial. Last name, "Title of proceeding," in *Name or Title of Conference*, City, Conference year, Page(s).

Example:

- [4] L. Andersen and M. Hidalgo, "Fibre waviness and misalignment measurement of unidirectional glass/LPET commingled composites—effect on mechanical properties," in *the 34th Risø International Symposium on Materials Science: Processing of fibre composites - challenges for maximum materials performance*, Denmark, 2013, pp. 349-363.

Reference to a conference paper:

- [#] First name initial. Last name, First name initial. Last name, and First name initial. Last name, "Title of paper" presented at Name or Title of Conference, City, Conference year.

Example:

- [5] R. Kozlowski, B. Mieleniak, M. Muzyczek, and J. Mankowski, "Development of insulation composite based on FR bast fibers and wool" presented at the 2008 International Conference on Flax and Other Bast Plants, Saskatoon, Saskatchewan, 2008.

Reference to a thesis:

- [#] First name initial. Last name, "Thesis title," Degree, Academic Department, University, Year.

Example:

- [6] E. A. O. Al-Bahadly, "The mechanical properties of natural fiber composites," Doctor of Philosophy, Faculty of Engineering, Swinburne University of Technology, 2013.

Reference to a web page:

- [#] First name initial. Last name. (Year published, Access Day Month, Year). *Article title*. Available: URL

Example:

- [7] L. M. Sherman. (2004, 5 March, 2014). *Wood-filled plastics: They need the right additives for strength, good looks, and long life*. Available: <http://www.ptonline.com/articles/wood-filled-plastics-they-need-the-right-additives-for-strength-good-looks-and-long-life>

### ***Equations and formulae***

In general, equations and formulae should be clearly and carefully written, having all figures and symbols, especially in fractions and equations, in the alignment in which they are to be printed. The alignment of all equations and formulae should be centered and they should be numbered consecutively in Arabic numerals, which are right aligned and in round brackets.

### ***Illustrations***

All illustrations including photographs, drawings, diagrams and charts are called Figures, and should be referred to as Figure if at the start of a sentence. They are referred to in the text as Fig. and they are to be numbered in one consecutive series of Arabic numerals. The captions for illustrations should be typed, using double spacing, on a separate sheet of paper. Separate parts of a single Figure should

be labeled (a), (b), (c), etc., and be referred to as (a), (b), (c), etc., in the text and captions. The resolution of the figure needs to be at least 600 dpi for color photographs and 900 dpi for grey scale photographs. Each figure is to be displayed at the end of the manuscript. Times New Roman is to be used for all parts of texts and numbers shown in the illustrations. Font size equal or larger than 14 pt is recommended. All figures in the offprints will be made in black and white.

***Tables***

All tables are referred to in the text and to be displayed at the end of the manuscript. They should be numbered consecutively in Arabic numerals and given a suitable caption. No vertical lines in all tables are required. Footnotes to tables should be typed below the table and should be referred to by superscript lowercase letters.

***Proofs***

Galley proofs will be available to the authors via the online submission system and should be returned as soon as possible. Corrections should be restricted to typesetting errors. Any queries should be answered in full.

***Offprints***

The journal makes no page charges. The corresponding author will be provided with a PDF of the article via e-mail at no cost.