



ABSTRACT/FULL PAPER SUBMISSION GUIDELINES

Background. 1st International Conference on Innovation in Chemical Engineering and Technology (ICICET) 2021 is organized by the Department of Chemical and Environmental Engineering, Faculty of Engineering, Universiti Putra Malaysia with an aim to bring together leading experts, scientists, educators and researchers from all over the globe under one room to share their important works in all aspects of engineering (especially chemical), technology and innovation. ICICET 2021 conference theme is *Adapting Sustainable Innovation in Chemical Engineering towards Global Crisis*. The selected theme reflects the current trends of changing culture in most work sector and how society adapt to the crisis that is inevitable. Specifically, how academia, scientist, researchers and industries adapt, innovate and stay productive amidst the COVID-19 pandemic that the worlds currently experiencing.

Purpose. The purpose of this guidelines is to ensure that abstract and/or full paper submitted to the conference or journal are of highest standards. Author who wishes to submit his/her manuscript in the ICICET 2021 must ensure that the manuscript adheres to the conference editorial policies and guidelines. The author is recommended to follow ICICET Abstract/Full Paper Submission Guidelines available in the conference website to prepare a high-quality manuscript. The guidelines contains a set of instructions to help the author to structure the manuscripts. ICICET technical committee reserves the right to edit the submitted abstracts/full papers for clarity or correctness of English, but will consult the author if any significant changes are required.

ICICET 2021 technical committee. ICICET 2021 technical committee is formed to (list is not exhaustive): (i) handle abstract/full paper submission (ii) perform a preliminary review to assess suitability of the submitted abstracts (iii) appoint reviewers for peer review processes (iv) relay submission notification and decision process and (v) execute post-conference activities. The technical team shall also ensure that selected manuscripts appearing in the journals (regular or special issue) conform to the journal standard editorial and publication policies. ICICET 2021 technical committee will guarantee that the entire process beginning from manuscript submission, review and decision process run smoothly and in a timely manner.

ICICET 2021 technical committee are experts engaging in a wide breadth of studies including nanotechnology, process safety, biomass utilization, renewable energy, catalysis and reaction engineering, advanced materials, biochemical processes, etc.

- [1] Prof. Dr. Luqman Chuah Abdullah
- [2] Assoc. Prof. Dr. Razif Harun
- [3] Assoc. Prof. Dr. Salmiaton Ali
- [4] Assoc. Prof. Dr. Norhafizah Abdullah
- [5] Dr. Dayang Radiah Awang Biak
- [6] Dr. Shafreeza Sobri
- [7] Dr. Mohd Yusof Harun
- [8] Dr. Nur Syakina Jamali
- [9] Dr. Halimahtun Sakdiah Zainuddin
- [10] Dr. Mohamad Rezi Abdul Hamid

Authors may contact ICICET technical committee at icicet@upm.edu.my under subject heading 'technical' if they need further assistance (e.g., abstract submission, review, editorial decision, etc.)

Types of submission. There are two types of submissions (i.e., abstract and full papers). The manuscript should be submitted to the ICICET Online Submission Portal as a Microsoft Word file ([.doc] or [.docx] format). Authors are recommended to use the prepared abstract/full paper template provided in the website. Submission that does not meet ICICET standard of formatting stated in the abstract/full paper template may be returned to the authors for revision prior to review.

[1] **Abstract.** Authors who are interested to participate in the conference are required to submit an abstract. An abstract is considered as a 'face' of the manuscript. The abstract should be clear, concise, structured, standalone and have enough details to provide good initial impression to the reader. Hence, the abstract needs to be drafted carefully and meticulously. The abstract will not undergo a double blind review process but instead will be peer reviewed by the ICICET scientific committee of its suitability to the scope of the conference. After submission, authors will receive a submission notification through email and the submitted abstract will be assigned a unique submission identifier for authors' references.

[2] **Full/camera ready paper.** Full paper is an unpublished, original full length scientific work containing novel research finding to be disseminated to scientific communities. Full paper must contain abstract, introduction, experimental, result and discussion, and conclusion among others. Upon acceptance of the abstract, the author (selected) shall be invited to submit a full paper to be considered for publication in a journal. Submitting a full paper is not mandatory but is highly recommended. The selected paper will undergo a peer-review process by at least 2 external reviewers for publication. Kindly note that the selected full paper submission may need to be slightly modified to follow a specific journal format recommended by the technical committee.

Use of word processing software. The use of Microsoft Word processing ([.doc] or [.docx] format) is highly recommended when preparing the manuscript. The author can download the template provided in the conference website (<http://conference.upm.edu.my/ICICET>)

Title. An effective title should be clear and concise and should highlight novelty of the manuscript. Use an easily recognizable word that can be read quickly and avoid using acronyms and abbreviations unless they broadly familiar to all readers. Use a generic terms for compounds/methods as opposed to highly specific nomenclature/terms. Title should contain less than 20 words, written in Times New Roman font, size 14-pt, bold and center aligned.

Authors and affiliations. Author and co-authors' name and affiliation need to be written in Times New Roman font, size

12-pt and center aligned. Underlined and add asterisk (*) to indicate presenting and corresponding author, respectively.

Abstract. Abstract should be written in one single paragraph (not multiple paragraphs) and should describe briefly the purpose of the research, principal results and major conclusions. The abstract should include explanation of research objective and goals, methodology, outcomes/results achieved from the work, recommendations and conclusions. Novelty and importance of the work need to be clearly highlighted. The abstract should be no longer than 200 words and must be consistently prepared in a standard American or British English, but not both. Abstract text should be written in a single spacing using Times New Roman font, size 12-pt with the entire text fully justified. Please refer to abstract/full paper template for more details since the abstract requirement for each type of submissions are slightly different. For full paper submission, the author may be required to submit a graphical abstract (depending on journal requirements).

Keywords. Immediately after the abstract, a maximum of 5 keywords need to be provided. The selected keywords should be specific to the work, yet reasonably common within the subject discipline.

Introduction. The introduction section should be written in a broad context (as far as possible) so that they are comprehensible to the general reader. Introduction section should define purpose of the works and its importance. Current state-of-the-art in the research field should be reviewed carefully and key research works should be cited (see references section). At the end of the section, briefly mention the aim of the work and highlight the principal conclusions.

Experimental. Experimental section should be described with sufficient detail to allow a skilled researcher to replicate the reported work. Standard methods and techniques (e.g., XRD, FT-IR, SEM, TEM, etc.) used throughout the work should just be stated. Description of these techniques are not required but their operating conditions must be clearly stated. Briefly describe and provide appropriate citation if using a well-established methods.

Result and discussion. Result and discussion section is arguably the most important section of the manuscript. The purpose of the result and discussion section is to provide meaning and importance of the obtained results. The section should be organized into a logical sequence. Obtained results should be interpreted in a various perspective. In other words, comparing the obtained results other works with and relating them back to the research questions posed in the introduction section. Important claims must be backup with strong arguments (cite relevant works if necessary). Supporting figures and tables should be provided for the sake of brevity and clarity (see relevant technical details). Similar data should not be reproduced into more than one form (e.g., tables and figures), unless if the author have no other choice.

Conclusion. A conclusion is not just a summary of the main topics covered or a re-statement of the research problem but a synthesis of key main points from the work. A conclusion

may include a generalization inferred from the results, any exception/problem with the proposed generalization, theoretical and practical implication of the works and conclusion among others. Additionally, future research direction may also be presented.

Acknowledgement. Acknowledgement section is placed after the conclusion section and should cite/mention the necessary financial aids and helps relevant to the presented works. Name of the funding agencies and grant number should be mentioned. For example, 'The authors acknowledge the financial support by the Funding Agency A under a grant/project number ABC-0000'. The author may leave this section empty or state 'This research received no external funding' if the author receive no financial supports.

Nomenclatures. Symbol used in the text or equations should be identified, defined and placed at the end of the manuscript. In most cases, they are placed before references section. The symbols should be those commonly used in engineering fields.

Referencing and bibliography. In text citation should be references by numbers in a bracket and in-line with the text (e.g., [1], [1,2], [1-3] and [1],[3-5]). The actual authors name can be referenced to, but the reference need to be provided.

- [1] "... as demonstrated in previous studies [2,3]."
- [2] "Mohamad Rezi and Abdul Hamid [3] prepared an ultrathin film ..."
- [3] "Mohamad Rezi et al.[3] prepared an ultrathin film ..."

The references need to be numbered by the order they appear in the text. Use Journal of Membrane Science/Numbered citation style for bibliography and referencing purposes. These citation styles, by default are available in majority of reference management software products including Mendeley, EndNote and Zotero. The author only need to select the appropriate citation style using the built-in function of these reference management software, after which citations and bibliographies will be automatically formatted following the selected citation style. If the citation style is not available in the software citation library, the author may download the citation style using the link below and later import them into the referencing software:

- [1] <https://paperpile.com/s/journal-of-membrane-science-citation-style/>
- [2] https://endnote.com/style_download/journal-of-membrane-science/
- [3] <https://www.zotero.org/styles/?q=journal%20of%20membrane%20science>

The author may use CAS Source Index (CASSI) Search Tool (<https://cassi.cas.org/>) to view abbreviated journal list in case the reference styles require journal name to be abbreviated. Alternatively, the author can manually cite the references following the format shown below (journal article, book, book chapter and website):

- [1] R. Hisakata, S. Nishida, A. Johnston, An adaptable metric shapes perceptual space, *Curr. Biol.* 26 (2016) 1911–1915. <https://doi.org/10.1016/j.cub.2016.05.047>.

- [2] J. van der Geer, J.A.J. Hanraads, R.A. Lupton, 2018. The art of writing a scientific article. *Heliyon*. 19, 205. <https://doi.org/10.1016/j.heliyon.2018.e00205>.
- [3] C.W.V. Hogue, Structure databases, in: A.D. Baxevanis, B.F.F. Ouellette (Eds.), *Bioinformatics*, 2nd ed., Wiley-Interscience, New York, NY, 2001: pp. 83–109.
- [4] J. Sambrook, D.W. Russell, *Molecular cloning: a laboratory manual*, 3rd ed., CSHL Press, Cold Spring Harbor, NY, 2001.
- [5] W. Strunk Jr., E.B. White, *The Elements of Style*, 4th ed., Longman, New York, 2000.
- [6] G.R. Mettam, L.B. Adams, How to prepare an electronic version of your article, in: B.S. Jones, R.Z. Smith (Eds.), *Introduction to the Electronic Age*, E-Publishing Inc., New York, 2009, pp. 281–304.
- [7] E. Musk, The secret Tesla Motors master plan (just between you and me), *Tesla Blog*. (2006). <https://www.tesla.com/blog/secret-tesla-motors-master-plan-just-between-you-and-me> (accessed September 29, 2016).
- [8] Cancer Research UK, Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/about-cancer/statistics/cancer-stats-report/>, 2003 (accessed 13 March 2003).

Mathematical formulae. Mathematical formulae need to be submitted as an editable text (not image). Mathematical equation can be prepared and inserted into the abstract using Microsoft Equation Editor or the MathType add-on (<http://www.mathtype.com>). In your Microsoft Word processing, click: Insert | Object | Create New | Microsoft Equation or MathType Equation). Float over text option should not be selected. Mathematical equation need to be numbered in parenthesis (i.e., (1), (2), (3) and so on) and flushed left. Powers of e are better denoted by exp. To make the equation more compact, you may use the exp. function, solidus (/) among others. Use parenthesis to avoid confusion in the denominators. Example of the equation is shown below:

$$P = RT/(V_m - b) - aa/(V_m^2 - 2bV_m - b^2) \rightarrow (1)$$

Type ‘Eq. (1)’ not ‘(1)’ or ‘equation (1)’ when referencing the above equation in the text, except at the beginning of the sentence. In this case: ‘Equation (1) represent ...’ Make sure to define equation variables/symbols either in the text (if not many) before they appears or immediately following. Italicize the symbols. For example: molar volume (V_m), pressure (P), volume (V), etc.

Figures. Figure and font in the figure should be clear enough (i.e., sufficient resolution) so that they appear legible in the document. The figure should be numbered consecutively with their appearance in the text. Figure caption should appear below the figure and flushed left. Do not use the abbreviation “Fig. 1”, even at the beginning of a sentence. Each figure must have a brief (one phrase or sentence) caption that describes the contents. An example of figure caption is shown below:

Figure 1. Schematic illustration of ZSM-5 zeolite synthesis

Tables. Table should be presented as editable text not as images and numbered consecutively with their appearance in the text. Please avoid using vertical rules and shading in table cells. Table caption should appear above the table and flushed left. Each table must have a brief (one phrase or sentence) caption that describes the contents. An example of table caption is shown below:

Table 1. Production of polypropylene in Malaysia

Unit of measurements. Use an internationally accepted rules and conventions when presenting unit of measure and relevant nomenclatures. Unit of measure should confirm to the International System of Unit (SI). Author is encouraged to look at the International Union of Pure and Applied Chemistry, IUPAC website (<https://iupac.org/>) for more details. Use center dot to separate compound unit (e.g., $m \cdot s^{-2}$, $kg \cdot m^{-3}$, etc.). If other quantities are presented, provide their equivalent in SI. For example. 1 Barrer = $3.348 \times 10^{-16} \text{ mol} \cdot m^{-2} \cdot s^{-1} \cdot Pa^{-1}$, 1 gas permeation unit = $3.348 \times 10^{-10} \text{ mol} \cdot m^{-2} \cdot s^{-1} \cdot Pa^{-1}$.

Useful writing tips. Here are several useful tips that might be useful when preparing the manuscript:

- [1] The word “data” is plural, not singular.
- [2] The subscript for the permeability of vacuum P_0 , and other common scientific constants, is zero with subscript formatting, not a lowercase letter “o”.
- [3] A graph within a graph is an “inset”, not an “insert”
- [4] Refrain from using word “essentially” to mean “approximately” or “effectively”.
- [5] Be careful of these word variations as they have different meaning (e.g., “affect and effect”, “complement and compliment”, “discreet and discrete”, “principal and principle”, etc.
- [6] Do not confuse with the word “imply” and “infer”.
- [7] The prefix “non” is not a word; it should be joined to the word it modifies, usually without a hyphen.
- [8] There is no period after the “et” in the Latin abbreviation “et al.”
- [9] The abbreviation “i.e.,” means “that is”, and the abbreviation “e.g.,” means “for example”.
- [10] Abbreviations that incorporate periods should not have spaces (e.g., I.C.I.C.E.T not I. C. I. C. E. T)
- [11] Use one space after periods and colons.
- [12] Use a zero before decimal points: “0.25” not “.25”.
- [13] Use “cm³” not “cc”.
- [14] Indicate sample dimensions as “0.1 cm × 0.2 cm” not “0.1 × 0.2 cm²”.
- [15] When expressing a range of values, write “7 to 9” or “7–9”.
- [16] A parenthetical statement at the end of a sentence is punctuated outside of the closing parenthesis (like this).
- [17] Get someone/proofreading services to edit your manuscript and fix all English errors in the process (recommended).

Online submission. Authors should submit their completed manuscript directly to the ICICET Online Submission Portal (<http://conference.upm.edu.my/ICICET>) before the deadline. Authors will receive a formal email notification of abstract submission, abstract acceptance, full paper submission,



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journal recommendation, etc. Please refer to the flowchart in the Appendix section to view submission procedures for abstract/full papers. The abstract deadline is on May 30, 2021. There is no fee for submission of an abstract, but if authors do not register and pay the outstanding registration fee in full by the deadline of September 01, 2021, the abstract will not appear in the programme. Authors need to be alert with the important conference dates and recommended to regularly check the ICICET conference website and personal email for new updates. Authors may contact ICICET scientific committee at icicet@upm.edu.my if require further assistance. Alternatively, the authors can visit the ICICET conference website to find the answers you need or use the Contact Us form in the conference website.

Important dates. Below are the important dates for abstract submission. Note that the dates are subject to change. Note that the submission deadline and notification will be posted in the ICICET website and will be updated from time to time. (<http://conference.upm.edu.my/ICICET>)

- [1] **First announcement:** February 22, 2021
- [2] **Deadline of abstract submissions:** May 30, 2021
- [3] **Notification of acceptance:** June 15, 2021
- [4] **Second announcement:** TBA
- [5] **Deadline of online registration:** August 15, 2021
- [6] **Deadline of conference fee payment:** September 01, 2021
- [7] **Date of conference:** September 14 – 15, 2021

Reviewers and review process. Submitted abstract will not undergo a double blind review process but instead will be peer reviewed by the ICICET scientific committee of its suitability to the scope of the conference. Meanwhile, selected full paper submission will undergo a review process by one or two international reviewers selected by the scientific committee. ICICET scientific committee will ensure paper review process and editorial decisions will be handled in an efficient and timely manner. In case of major revision, the revised manuscript should be reviewed again by at least one referee (depend on specific journal policy).

Article processing fee (APC) for full paper submission to be published in a journal. ICICET 2021 have partnered with a few reputable journals to have selected publications from the conference to be published in the journal special issue. List of the journal will be updated in ICICET conference website from time to time. Full paper submission, upon acceptance, will be subjected to journal article processing fee (APC). Please visit the recommended journal website for more details.

Author checklists. Below are important author checklists:

- [1] At least one author must be designated as corresponding and presenting author(s) with contact information (e.g., e-mail and mailing address)
- [2] Necessary files need to be provided (abstract and/or full paper)
- [3] Include keywords, if applicable
- [4] All figures (include relevant captions), if applicable
- [5] All tables (including titles, description, footnotes), if applicable

- [6] Ensure all figure and table citations in the text match the files provided, if applicable
- [7] Supplementary information, if applicable
- [8] The presenting author will be required to register before submitting (payment is not required before the notification of acceptance)
- [9] Authors need to pay the outstanding registration fee in full by the deadline of September 01, 2021. If not, the abstract will not appear in the programme and authors will not be allowed to present in the conference.
- [10] Please visit journal website for more detail for journal related checklist.

Publication ethics, copyright notice, privacy statement. Please visit journal website for more details.



Appendix. Submission flowchart

