**WORKSHOP TITLE OF NOT MORE THAN 10 WORDS**

**IN ARIAL 14 PT, UPPER CASE, BOLD, CENTERED**

**Author 1, Author 2, Author 3 (Arial, 11 pt, bold, center)**

Affiliation of Authors 1, 2, 3, e.g. Department, Institution (Arial, 11 pt, center)

**Author 4, Author 5 (Arial, 11 pt, bold, center)**

Different Affiliation of Authors 4, 5 (Arial, 11 pt, center)

*Note: Don’t forget to include the corresponding author’s contact information and the Creative Commons License on the last page of the extended abstract!*

**OVERVIEW OF WORKSHOP**

Provide a brief overview and the educational context of the proposed workshop and what participants will gain from the session. This overview will be used to promote the workshop during the conference; consequently it is beneficial to consider your target audience while writing this overview. A workshop may be on a fundamental level that presumes little prior knowledge, or it may be more advanced for experienced participants to gain further knowledge or skills, or a new perspective. While no word limit is imposed, authors should aim for an overview length of about 150 words.

**KEYWORDS**

Suggest approximately 2-3 keywords. The last keyword should be “Standards” and include a numerical list of the particularly relevant CDIO Standards, e.g., Standards: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12

**DURATION**

The length of the workshop is 75 minutes. Please design and arrange the workshop within the time given with considerable active component.

**ACTIVITIES**

Include a brief summary of the proposed activities participants will undertake in the workshop and a short plan for the execution of the workshop.

**TARGET AUDIENCE**

Explain who should attend this workshop and outline any background knowledge required for participants, or any pre-workshop preparation required.

**OUTCOMES**

What are the anticipated outcomes of the workshop? What will workshop participants gain by participating in the workshop?

**FORMATTING YOUR WORKSHOP PROPOSAL**

Use a one-column format with left and right justification. Set the page size to 210 x 280 mm or 8 ¼ x 11 inch so that printed copies will fit comfortably on both A4 and US Letter sizes. Set all the margins at 25 mm (1 inch) and set the footer to start 13 mm (½ inch) from the bottom of the page. Leave the gutter at 0 mm. (In Word you can use the Page Setup settings under Format/Document or the Page Layout tab to create a custom Paper Size and set the user defined non-printable margins to make sure the footer appears in the resulting PDF. Or simply use this template file. When creating the PDF from older versions of Word, you may need to use the File/Print Menu to save to PDF, as the File/Save to PDF option cuts off the footer in some cases.)

Use single space, Arial, 11 pt. Do not include page numbers, footnotes, or headers.

Use this footer format in Arial, 9 pt., italic, as shown at the bottom of the pages in this document:

*Proceedings of the 16th International CDIO Conference, Chulalongkorn University &*

*Rajamangala University of Technology Thanyaburi, Bangkok, Thailand, June 9-11, 2020.*

Be sure you don’t shift the margin settings to move the bottom of the footer into the commonly unprintable area within 13 mm of the bottom of the page.

**SPECIAL REQUIREMENTS**

List any non-standard room and equipment requirements for the Workshop.

*Note: Excluding References and Biographical Information, the maximum length of a workshop Extended Abstract should be 2 pages.*

**THE REFERENCE SECTION (OPTIONAL)**

Use the APA format for all references as shown in the example below. If in doubt about the reference style, consult [www.apastyle.org](http://www.apastyle.org) (American Psychological Association, 2018). When citing a reference in the text, use Author/Date in parentheses (Biggs & Tang, 2011) or (Malmqvist, Huay, Kontio, & Minh, 2012). If it reads better, refer directly to Lantada, et al. (2012) in the text. References should be in Arial, 10 pt. single-spaced and listed in alphabetical order. 3 pt. space between the references. We suggest that you use either a reference tool like endnote (Clarivate, 2018) or the built-in reference system in Word. You can find a tutorial on how to use the built-in reference system in Word at <https://support.office.com/en-us/article/create-a-bibliography-citations-and-references-17686589-4824-4940-9c69-342c289fa2a5> (Microsoft, 2018). References should be made so that other people can find them; include all relevant information when refer to a webpage and the date it was accessed.

**REFERENCES**

American Psychological Association. (2018, November 1). *APA Style*. Retrieved from APA Style Central: https://www.apastyle.org/index

Biggs, J. B., & Tang, C. S.-k. (2011). *Teaching for Quality Learning at University: What the Student Does.* Maidenhead: Society for Research into Higher Education & Open University Press.

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Lantada, A. D., Olmedo, J. J., Felip, A. R., Fernández, J. J., García, J. M., Alonso, R. C., & Huertas, J. C. (2012). CDIO Experiences in Biomedical Engineering: Preparing Spanish Students for the Future of Medicine and Medical Device Technology. *Proceedings of the 12th International CDIO Conference* (pp. 356-365). Turku, Finland: Turku University of Applied Sciences.

Malmqvist, J., Huay, H. L.-W., Kontio, J., & Minh, T. D. (2012). Application of CDIO in Non-Engineering Programmes – Motives, Implementation And Experiences. *Proceedings of the 12th International CDIO Conference* (pp. 84-101). Turku, Finland: Turku University of Applied Sciences.

Microsoft. (2018, November 1). *Create a bibliography, citations, and references*.

**BIOGRAPHICAL INFORMATION**

Include a 1-paragraph biography of the authors. Give the full address, telephone, and email information for the corresponding author. **The authors must grant a Creative Commons version 4.0 license to reproduce the work and include the marking shown below.**

***Angkee Sripagakorn*** is an Associate Professor of Mechanical Engineering, Faculty of Engineering, Chulalongkorn University. His expertise covers alternative energy, energy conversion devices and electromobility. Angkee cofounded the Engineering Education Initiative at the faculty. The collective effort of EEi members led to the formation of the Chula Engineering Education 4.0, the framework to restructure the teaching and learning experience in order to deliver innovation-producing graduates to Thai society and economy. The framework is currently fully adopted by all departments at Chula Engineering.

***Natha Kuptasthien*** is currently as an Assistant to President for International Relations and Associate Professor at the Industrial Engineering department, Faculty of Engineering, Rajamangala University of Technology Thanyaburi (RMUTT). Her current focus is a development of community of pedagogical competent and strengthen CDIO Thailand network. She has served as a CDIO council member-at-large since 2017.

***Corresponding author***

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