PREPARATION OF PAPERS FOR CPEE
(FONT: TIMES NEW ROMAN, TYPE SIZE: 14, UPPERCASE LETTERS, BOLD, INTERVAL BEFORE AND AFTER: 12 PT, *STYLE TITLE*)

First and last names of authors
(font: Times New Roman, type size 12, line spacing: 1,1; *style Closing*)
Affiliation (font: Times New Roman, type size 10, line spacing: 1.1; *style **Affiliation***)
E-mail (шрифт Times New Roman, type size 10, line spacing 1.1; *style **Affiliation***)

Abstract: These instructions give you guidelines for preparing papers for *CPEE*. The abstract of a submitted paper should reflect the structure of the paper and include an introduction, a purpose, objectives, the description of methods, results, and a conclusion. It should also briefly present the essence of the work and its novelty. The abstract should have the structure specified above in compliance with SCOPUS requirements and consist of no more than 50 words.

Key words: should reflect the content of the work, be specific to an industry pertaining to the presented work, and comprise no more than five semantic concepts.

1. Introduction (Style Header1)

Section headings – font: Times New Roman, type size 10, the interval before the line: 6 pt. (Style *Header1)*. The introduction should be concise and clear; a connection with previous works may be shown.

2. Text formatting

The paper is submitted in 2 copies. The text is typed in a text editor, Microsoft Word 2000 or Word 2003. The paper is prepared using A4 page format (210x297 mm). Margins: left 18 mm, right 25 mm, upper 20 mm, bottom 27 mm. The text is written in two-column format, the space between the columns is of 5 mm. The indentation is set at 6 mm. Font: Times New Roman, type size 10, spacing 1.1 (Style ***Normal***). All pages must be numbered; the first page is the page with the paper title. Figures and tables are inserted in the text and, additionally, submitted as separate files. *Please make sure that the columns on the last page are of the same length!!!*

3. Equations

Equations are written using the format of ***Equation 2-4***, they are placed in the center of a line and numbered using parentheses located on the right side of the line. The equation editor MS Word is defined as follows: normal – 11 pt, index - 7 pt, small index – 5 pt, symbol – 12 pt, small symbol – 11 pt. Equations are formatted using the ***Equation*** style.

The following equation (1) is given as an example:

$$\begin{cases} \vec{x}^{(k+1)} = F\vec{x}^{(k)} + G\vec{v}^{(k)} + \vec{\Phi}\left(\vec{x}^{(k)}, \vec{v}^{(k)}\right), \\ \vec{y}^{(k+1)} = C\vec{x}^{(k+1)} + D\vec{v}^{(k+1)} \end{cases} \quad (1)$$

where $\vec{v}$ – the vector of input data; $\vec{y}$ – the vector of output data; $\vec{x}$ – the vector of the variables that describe the state of an object; F, G, C, D – the matrices of macromodel coefficients; Φ – an unlinear vector-function; k – the number of an iteration step (style ***EquationComment***).

4. Tables

Tables are inserted in the text and also submitted as ***separate files*** in the format ***MS Excel*** or ***MS Word***. The body type size of a table – 8, the title type size – 10 (style ***TableBody***). The title is placed at the center of the table in bold (style ***TableName***); the number of the table (if there is more than one table) is placed on the right of the table in italics (style ***TableNumber***).

Table 1

The title of a table

Month	Object	Model	Month	Object	Model
January	11855	10349	July	9017	8604
February	9536	9822	August	8789	8793
March	9941	9372	September	8938	9219
April	9100	9007	October	10494	9951
May	8196	8743	November	10625	11082
June	8437	8600	December	12864	12739

5. Figures

Pictures, graphics, and photographs are inserted in the text and, additionally, submitted as separate ***graphic*** files in the form of ***separate*** objects that may be corrected or changed; their dimensions have to meet the page requirements (style ***Figure***). The figures are signed and numbered (if there is more than one figure) beneath; the captions are centered and typed using size 9, in italics (style ***FigureName***). Photos and photocopies must be legible and clear and suitable for copying. All images must be bitmap and saved in *.tiff or *.jpeg format with a resolution of at least 300 dpi.
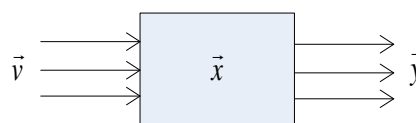

Fig. 1. The description of a macromodel object.

6. References are numbered in the order in which sources are cited or mentioned in the text, in square brackets.

7. Conclusion

The main results of the work are outlined; their importance is emphasized, and the examples of their possible application are described.

8. Reference

First and last names of authors and titles of journals in languages that do not use Latin alphabet (e. g. Ukrainian) are typed using Latin letters, font: Times New Roman, type size 10, line spacing 1.1 (style *References*).

The references to articles published in magazines, collections, and conference proceedings may have the following structure: authors' names (transliteration if necessary), the title of the paper in English, the name of the source (transliteration if necessary), publishing data, and the indication of the language the article is written in (in parentheses) if it is different from English. The transliteration of Ukrainian sources should be done in compliance with the Resolution of the Cabinet of Ministers of Ukraine of January 27, 2010, № 55 "On Latin transliteration rules of the Ukrainian alphabet" (http://zakon4.rada.gov.ua/laws/show/55-2010-%D0%BF/conv?test=XX7MfyrCSgkyf1rIZiyjpdAxHI4qEs80msh8Ie6). An example of reference's structure is given below.

References

[books]

1. Y. Lepikh, et al., The Design of New Generation Microelectronic Sensors for Intelligent Systems. – Odesa, Ukraine: Astroprint. – 2010. – 296 p. (Ukrainian)

2. A. Oustaloup, Fractional Derivation. – Paris, France: Hermés. – 1995. (French)

3. Y. Crutzen, G. Molinari, and G. Rabinacci, Industrial Application of Electromagnetic Codes. – Vol. 1. – Dordrecht, Germany: Kluwer. – 1990.

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5. M. Kuczmann, A. Ivánci, The Finite Element Method in Magnetics. – Budapest, Hungary: Akadémiai Kiadó. – 2008.

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8. V. Moroz, Y. Marushchak, O. Turych, A New Algorithm of Extremal Control // In collected book "Problems of automatic electric drives. Theory and Application". – Kremenchuk, Ukraine: Publishing house of Kremenchuk National University. – 2012. – P. 419–420. (Ukrainian)

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9. J. Dochviri, I. Dochviri, N. Beradze, Dynamics of Control Systems of Thyristor Electric Drives with an Electric Motor Excitation Control // Tekhnichna Elektrodynamika.- Kyiv, Ukraine: Publishing house of Institute of Electrodynamics of Ukraine. – №6. – 2005. -P.30-35.

10. T. Chayavanich, et al., Voltage and Frequency Dependent Model for PV Module Dynamic Impedance // Solar Energy Materials and Solar Cells. – Amsterdam, Netherlands: Elsevier. – Vol. 86, №2. – 2005. – P. 243-251.

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12. J. Quintana, Identification of the Fractional Impedance of Ultracapacitors // In Proc. 2nd IFAC Workshop on Fractional Differentiation and its Applications. – Porto, Portugal. – 2006. – P.127–136.

13. D. Dosyn, R. Darevych, V. Lytvyn, U. Dalyk, New Knowledge Evaluation using Message Model of NLT document // In Proc. International Conference on Computer Science and Information Technologies. – Lviv, Ukraine. – 2006. – P. 118–119.

[Internet sources]

14. H. McDevitt, Load Sharing with DNS // http://ntrg.cs.tcd.ie/undergrad/4ba2.01/group8/DNS.html

15. Round Robin DNS Load Balancing // http://content.websitegear.com/article/load_balance_dns.htm

THE TITLE OF THE PAPER (*style Abstract_Title***)**

First and last names of authors (style Abstract_Avtor)

The given article sets up guidelines for preparing papers for "Computational Problems of Electrical Engineering" (CPEE). The abstract is typed using type size 9 (style Abstract_Text) and translated into Ukrainian.

First and last names. It is necessary to provide the last name, first name and middle name/patronymic of every author, his/her short biographic data – please provide colour pictures of authors with the frame size of 3x4 cm, the information regarding acquired education, their affiliation and the area of scientific interest.