

INFORMATION FOR AUTHORS

The Journal of Electrical Engineering, joint publication of the Faculty of Electrical Engineering and Information Technology of the Slovak Technical University, and of the Institute of Electrical Engineering of the Slovak Academy of Sciences, is a wide-scope journal comprising:

- Power Engineering and Energy Conversion
 - Electronics and Microelectronics
- Electrophysics and Electromagnetism
- Signal Processing and Telecommunications
 - Automation and Control
 - Measurement and Metrology
 - Computer Engineering

The Journal of Electrical Engineering aims to publish scientific articles full *PAPERS* and short *COMMUNICATIONS* from all branches of electrical engineering, and from automation control and computer science and engineering as long as these are relating to electrical topics. The Journal will consider for publication in section *REVIEWS — LETTERS — REPORTS* also review articles, tutorials, literature reviews, correspondence concerning views and information published in previous issues, and topical information on forthcoming scientific events such as meeting and conferences. The language of the journal is English.

The title of article should be brief and the full authors name and surname should be indicated together with the affiliation and address. Respective addresses of co-authors must be clearly cross-referenced. The body of the manuscript should be preceded by an abstract limited to about 8 lines, followed by up to 6 keywords. The contributions should be reasonably subdivided into sections and, if necessary, to subsections. For scientific *PAPERS* the following scheme is recommended.

1 INTRODUCTION— the topic of the article should be defined clearly and short review of published relevant solutions and comparison with the authors results should be given.

2 THEORETICAL PART — the author presents his considerations and ideas, mathematical formulae and their derivation. All information taken from other authors or critical comments on other works should be accompanied by exact references.

3 EXPERIMENTAL PART — includes the data on the measuring method and instruments as well as experimental results. In purely theoretical works this part is omitted.

4 DISCUSSION — presents a critical analysis, interpretation and evaluation of the obtained results.

5 CONCLUSION — the results should be summarized briefly and author's scientific contribution should be indicated.

6 REFERENCES — must be fully and accurately documented and conform with standard accepted in other journals. References should be quoted in the text in square brackets and listed at the end of the paper in that order they have appeared in the text.

7 AUTHOR(S) BIOGRAPHY — 10 to 15 lines about the author(s). The recommended content is: (titles, in parentheses) the year and place of birth, type of education and scientific degrees attained (field and year). Former and present affiliations and professional (research) interests and activities.

The aim of publishing short scientific *COMMUNICATIONS* is to ensure the priority, through publishing, even though this might be at a cost of completeness in treating and discussing the topic. The short communication need not to have all sections recommended for original scientific articles *PAPERS*. At the end, again author's original contribution should be stated explicitly.

Two hard copies of the manuscript, 80 types on the line and 35 lines a page in a single-column format, should be submitted in duplicate (providing an electronic version too, is a must). This corresponds to Times 11pt font, and approximately one such a page (plane text, without figures) would fit to one Journal page.

Figures and illustrations are required to be PC processed they should not be embedded into the text pages, but delivered as a separate document (file). However, it is recommended that the figure captions are given in the text near the positions where the figures are to appear.

All the matters should be supplied on suitable media or sent by E-mail. Particularly concerning the graphs, we prefer vector formats (*cdr, emf, wmf, cgm, eps*) bitmap formats as: *pcx, bmp, tif, jpg*, or any other should be avoided except in case of submitting photographs or alike pictures. Please consider that the figures can be of one-column width usually less than 8 cm, or exceptionally, of two-column width not exceeding 16 cm. For the lettering use Times New Roman font. Photographs, black-white or coloured, must be sufficiently enlarged according to one-column or two-column intention.

Typed tables are not regarded as figures. They have to be numbered separately (Tab.1, Tab.2, etc) with all necessary text or comments placed above them.

After the evaluation by two independent peer reviewers and eventual changes made in submitted papers, please, return the final version including the figures (in above named formats), on floppy disks together with the text, ASCII coded or prepared by MS-Word or preferably by the \TeX editor, the latter is used for Journal composition. Sending of all the matters via E-mail will be highly appreciated.

Every author will receive free issue of the Journal and author(s) will be provided with 10 reprints per the article.

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