

AUTHOR INSTRUCTIONS

TELECOMMUNICATIONS AND RADIO ENGINEERING

DESCRIPTION OF PAPERS CONSIDERED FOR PUBLICATION: *Telecommunications and Radio Engineering* publishes original full-length scientific articles and concise technical notes over a wide range of different directions of electronics, radio physics, and radio engineering. Among these topics are the new mathematical approaches in electromagnetic theory, microwave electromagnetics, microwave and satellite telecommunications, signal processing, radio-wave imaging, wave propagation and scattering, radar remote sensing and radio navigation engineering, waveguides and antennas, along with feeder systems. The journal will also consider papers devoted to semiconductor or vacuum electronic devices, nanotechnology in electronics, and new physical phenomena for generation of electromagnetic waves. Applied radio physics, radio physical methods in environment and space research, and radio technology in biomedical investigations have been the objective of papers which will be taken for publications. The journal will also consider reviews devoted to the current status of research on the separate branches of telecommunications or radio engineering.

Submitted manuscripts should make a contribution to comprehension of problems or technical solutions which are useful in application or prepared in the frame of the considered program.

The Scope of *Telecommunications and Radio Engineering* will address to theoreticians and engineers working on communication theory and networks, protection of information, cryptography, encryption, steganalysis, radar and radio navigation systems, radio transmitting and receiving equipment and instrumentation.

GENERAL INSTRUCTIONS:

Articles for the *Telecommunications and Radio Engineering* must be submitted through the Begell House Submission Site. If you are already a registered user begin at: http://submission.begellhouse.com/usr/login.html?prod_code=journals, enter your username and password, and click on the **Login** button. If you are not a registered user follow the instructions below.

SUBMISSION INSTRUCTIONS:

All users of the Begell House submission site must be registered. If you are a first-time users you can begin at http://submission.begellhouse.com/usr/login.html?prod_code=journals, click the **New User** icon located at the top of the page, on the next screen complete the registration form and then click the **Submit** button located at the bottom left side of the form. Your form will be reviewed and an email confirmation will be sent to you within 24 hours (not including weekends and holidays). Please note that due to the high security that some affiliations have on their email programs, this email may go into your junk/spam folder; please check. Keep your username and password available for further use on the submission site. Logon information is case sensitive; always be sure to enter the appropriate upper and lower-case characters. **Never** register a second time on the submission site. Having more than one account on the submission site will create difficulties in working efficiently and being able to access all articles assigned to you. If you forget your password go to http://submission.begellhouse.com/usr/login.html?prod_code=journals, click **Forgot Password**, and enter the email address that you used when you registered. Within seconds you will receive an email providing you with your username and temporary password (again remember this email may go into your junk/spam folder). Once you receive the email containing your logon information, return to http://submission.begellhouse.com/usr/login.html?prod_code=journals, enter your username and temporary password, and then click Login. On the next screen you will be asked to provide a password of your choice. Enter the password and click Login. You will now be logged onto the submission site. If the email that you used when you originally registered is no longer available to you please contact journals@begellhouse.com for assistance.

PROCEDURES FOR PROCESSING ARTICLES FOR POSSIBLE PUBLICATION:

- 1. PREPARATION OF ELECTRONIC ARTICLE FILES:** Write in clear, concise English. The author is responsible for all aspects of article preparation. Extensive changes to the article will not be undertaken by the Editor or during the production process. Each manuscript must be accompanied by a statement that it has not been published elsewhere and that it has not been simultaneously submitted for publication elsewhere.
- 2. ORIGINAL ARTICLES SUBMITTED** for possible publication in *Telecommunications and Radio Engineering* should be submitted in a single PDF file that includes all text, figures, and tables in single-column. Please use 12-point type and Times New Roman typeface for all text and figure captions. Please ensure that high quality figures and tables are provided and that any text that is an actual part of the figure be no less than 9-point type. Please remember that although your original submitted manuscript is required to be in PDF format for reviewing purposes, your accepted article must be provided to the publisher using your program files (see #4 below).
- 3. DECLARATION OF ORIGINALITY:** Each article submitted must be accompanied by a statement that the article has not been published elsewhere and that it has not been simultaneously submitted for publication elsewhere. The original electronic files of drawings, photos and the article should be retained by the author until the conclu-

sion of the publication process. This statement should also confirm that all tables and figures are your original work and no permissions are required.

4. **PERMISSIONS:** Authors are responsible for obtaining permission to reproduce copyrighted material from other sources and are required to sign an agreement for the transfer of copyright to the publisher. Please note that if a figure or table was previously published the copyright for that figure is usually owned by the publisher not the author. **ALL PERMISSIONS MUST BE UPLOADED WITH THE FINAL DRAFT OF YOUR ARTICLE BEFORE YOUR ARTICLE CAN BE PROCESSED**
5. **REVIEW PROCESS:** The Editor will seek reviews of submitted articles from appropriate experts and will do their best to have the articles reviewed as quickly as possible. It would be helpful if you recommend 5 potential Reviewers when submitting your original manuscript. Each article will be reviewed by at least two reviewers. Submission implies that the author is willing to consider making any necessary revisions requested by the Reviewer/Editor. Retain all original figures until the conclusion of the publication process. Please upload your corrections onto the submission site.
6. **REVISIONS:** After your article has been reviewed, the Editor will inform you if any revisions must be made before your article can be accepted for publication. If revisions are required you must upload your revised files onto the submission site. After uploading your files onto the submission site, please remember to click the Submit icon.
7. **ACCEPTED ARTICLE:** After your article has been accepted for publication, please provide your electronic files in the following format: 12-point type, on US Letter (preferred) or A4-sized pages, double spaced with 1-inch margins all around. Times New Roman is the preferred typeface for text. Acceptable formats for text files are Microsoft Word (using .doc or .docx extension) or LaTeX. All pages should be numbered consecutively, centered at the bottom of each page. Your article should begin with the title information and end with pages containing references, tables, and figure legends. Figures must be submitted in either a separate file containing all figures or individual figure files. All figures must be labeled (example: 1, 2, 3, etc.) clearly for proper placement within the text. Figures can be submitted in the following formats: tiff, jpeg, eps or similar program files. All files should be uploaded onto the submission site using your original username and password. If you have several files to upload you can combine all files into one ZIP file; when you upload the ZIP file the system will automatically extract the files. This process can only be done with ZIP files. Although you can use other compressed software programs (such as RAR) to upload your files they will not automatically extract files. After uploading your files onto the submission site please remember to click the Submit icon.

LaTeX File: If you are providing your final approved article in LaTeX please follow all the above instructions, but also include a PDF file that is double spaced, only figure captions (no figures) and tables. Figure captions and tables should be placed at the end of the article after the references.

Accepted manuscripts are eligible for rapid online posting if a valid copyright form is received and nothing is missing, such as Word or LaTeX files, applicable figure files, permissions, key words, etc. Along with your program files we ask that you provide a PDF file of the complete article that includes text, figures, and tables. This PDF, which is the accepted uncorrected version of your article will be available on the Begell House Journal Home page, listed under "Forthcoming Articles." Posted articles will include DOI numbers so that papers can be cited and referenced immediately. Authors will receive notification from Begell House when the typeset proofs are available and when the final version is posted. Papers listed under Forthcoming Articles will be removed once the edited and final typeset version is completed and posted online under the appropriate journal volume and issue.

8. **TRANSMITTAL AND COPYRIGHT FORM:** The copyright form can be found when you upload your original manuscript files or on the Authors Hub website at <http://submission.begellhouse.com/help/hub.html>. Each article submitted for publication must include a signed copyright form. All accepted articles, artwork, and photographs become the property of the publisher. We also require that you fill out a transmittal form. The transmittal form can be found when your article has been accepted for publication and you upload your final files. The transmittal form includes the following information: article title, short title for running heads, key words (3 to 10), and all author names (include affiliation and e-mail addresses). Corresponding authors must include their complete mailing address, e-mail address, telephone number, and fax number.

9. **ALL ARTICLES MUST INCLUDE THE FOLLOWING:**

Author Information: Senior author's full name, affiliation, and e-mail address. Corresponding author's complete mailing address and e-mail address. Co-authors' affiliations and e-mail addresses.

Abstract: All articles must have an abstract not to exceed 250 words. Avoid using abbreviations, diagrams, and references in the abstract.

Key Words: All articles should have a list of key (indexing) terms. Three to ten key words or terms not in the title will assist indexers in cross-indexing your article.

Body: Group all tables, figures, figure captions, and footnotes at the end of the article, following the references. Equations should be numbered sequentially. Use no more than four levels of headings. Number headings sequentially using numerals, as follows: level 1 headings - 1., 2., 3., etc.; level 2 headings - 1.1, 2.1, etc.; level 3 headings - 1.1.1, 2.1.1, etc.; and level 4 headings - 1.1.1.1, 2.1.1.1. For articles containing more than a few symbols, include a nomenclature list in alphabetical order, with Greek symbols (also in alphabetical order and with a separate heading) following the alphabetical listing in English. The nomenclature section should be placed after key words and before the introduction. All articles must use SI units throughout; English units may be included parenthetically. Equations should not be provided as pictures; use programs such as MathType, Microsoft Equation, etc.

Figures: Figures should not exceed the size of the journal pages (size requirements can be obtained by emailing journals@begellhouse.com). Use only Arial and Symbol fonts for text within figures. Acceptable formats for figures are TIFF, JPEG, EPS, or similar program files saved from the original application at 300-700 dpi. Because of the loss of resolution, we do not accept figures embedded in word or PDF. The preferred format is TIFF; however, maintaining a clear quality of the figures is most important. Do not use gray rules, only black. If the text is printed over gray backgrounds for any reason, the gray must be at least 50% lighter than the text. If possible, avoid gray-scales entirely. For best results, figures must be submitted at the highest possible quality. Figure captions should be typed at the end of the article, after the references. The author can submit color figures that will appear in color online, but will print in black and white. Color reproduction of figures is possible at the author's expense; rates will be provided upon request. If you are providing color figures and do not want to pay to print the figures in color, please do not refer to the colors when describing the figure in the text or figure caption. Please be sure to call out all figures in the text in numerical order.

Tables: Tables cannot be embedded in the text or provided as a picture. Provide tables at the end of the article and be sure to call out the tables in numerical order in the text. A short descriptive title should appear above each table with a clear legend and any footnotes suitably identified below the table. All units must be included.

Footnotes: Footnotes should be identified in the text with symbols such as * † ‡ § || ¶, and cited consecutively within the paper. If you have many footnotes you can double the suggested symbols.

Please Carefully Follow the Reference Formatting: Incorrectly formatted reference lists or reference callouts in the text will be returned to the author to correct before processing for publication.

Reference Format: Cite references in the text using the last name of the author(s) and the year of publication, either as "(Doe and Johnson, 1992)" or "Doe and Johnson (1992)." For more than two authors, use "(Doe et al., 1992)" or "Doe et al. (1992)." If any references contain identical authors and year of publication, cite in the form of "Doe et al. (1992a)" and "Doe et al. (1992b)." Order the reference list alphabetically and format according to the following samples.

Book: Nield, D.A. and Bejan, A., *Convection in Porous Media*, New York: Springer-Verlag, pp. 125–176, 2005.

e-Books: Buyevich, Yu.A. and Alexandrov, D.V., *Heat Transfer in Dispersions*, Connecticut: Begell House, accessed May 5, 2005, from http://www.begellhouse.com/ebook_platform/56b7e0bb224cdbbf/7f98f1e271b3e77a.html, 2005.

Edited Book: Yang, W. and Kim, J.H. Eds., *Rotating Machinery*, New York: Begell House, 1992.

Edited Book Chapter: Nishikawa, K. and Ito, T., Augmentation of Nucleate Boiling Heat Transfer by Prepared Surfaces, in *Heat Transfer in Energy Problems*, T. Mizushima and W.J. Yang, Eds., Washington, D.C.: Hemisphere Publishing, pp. 111–1182, 1982.

Conference Proceedings: Ma, T.M., Effects of Geometrical Shapes of Reentrant Grooves on Boiling Heat Transfer from Porous Surfaces, *Heat Transfer 1986, Proc. of 8th Int. Heat Transf. Conf.*, San Francisco, CA, vol. 4, pp. 2013–2018, 1987.

Dissertation: Richmond, J., Steady State Thermal Conductivity, PhD, University of Connecticut, 2004.

Journals:

Print Article: Nakayama, W. and Nakajima, T., Effects of Pore Diameters and System Pressure on Saturated Pool Nucleate Boiling Heat Transfer from Porous Surfaces, *J. Enhanced Heat Transf.*, vol. **104**, no. 2, pp. 286–291, 1982.

Online Scholarly Article: Author, A.A., and Author, B.B., Title of Article, *Title of Journal*, vol. **10**, accessed June 10, 1999, from <http://www.someaddress.com/full/url/>, 1995.

Online Scholarly Article with DOI: Nesterov, D. and Dmitriev, G., Investigation of Loop Heat Pipe Oscillating Behavior using Numerical Simulation, *Heat Pipes Sci. Technol.*, vol. **6**, nos. 1-2, pp. 25-49, 2015. DOI: 10.1615/HeatPipeSciTech.2015012224

Paper or Poster: Authani A.R., Lang LE, Thomas I.M., and Leena V.W., Scientific Images that Change the World, *VIIP 2012, Proc. of 3rd Int. Conf. on Visualization, Imaging and Processing*, Madrid, Spain, 2012.

Patent: Inventor, A.A., Inventor, B.B., and Inventor, C.C., Cement Admixture, US Patent 4,586,960, filed June 26, 1984, and issued May 6, 1986.

Report: Robert, E.E. et al., Oxygen Absorption in the Atmosphere, Aerospace Corp., Los Angeles, CA, Tech. Rep. TR-0200 (4230-46)-3, Nov. 1988.

Web Documents:

Chapter or Section: Author, A.A. and Author, B.B., Title of Article, in *Title of Book or Larger Document* (chapter or section number), accessed April 1, 2014, from <http://www.someaddress.com/full/url/>, 2000.

Nonperiodical: Author, A.A. and Author, B.B., *Title of Document*, accessed August 27, 2013, from <http://www.someaddress.com/full/url/>, 2011.

- 10. AUTHOR PROOFS:** Corresponding authors will be notified by email when the typeset proof of their article is ready for them to review. Please note that due to the high security that some affiliations have on their email programs this email may go into your spam/junk folder; please check. Upon receipt of the email please log on to the submission site to review the proofs. After reviewing your author proof you must return to the submission site to either approve your article as is or upload your corrections. If approving your article as is, log on to the submission site, click on the article, click Submit, follow the prompts to the comment field, in the comment field, indicate that you are approving the article as is, then **click Submit**. If you are providing corrections, log on to the submission site, click on the article, upload your corrections file, **click Submit**, and follow the prompts to submit the article to the typesetter. Alterations made in the proof stage should be absolutely minimal. If the author makes numerous revisions to the author proof, they will be charged a fee of \$25.00 per hour (please see the cover letter provided with author proofs). Typesetter mistakes will not be charged to the authors. We usually request that corrections be returned within 48 hours (not including weekends or holidays). If more than 48 hours is needed, to return your corrected proofs, please contact journals@begellhouse.com as soon as possible.
- 11. OFFPRINTS:** An order form for offprints, copies of issues, subscriptions, and color figures will be sent to the corresponding author with the author proofs. Authors who wish to purchase any of the above should fill out the order form and return it with author's corrections. Corresponding authors are asked to provide their co-authors with the above information. Corresponding authors will receive a complimentary PDF file of their article upon publication of the journal issue in which the article will appear. This PDF file is for your own personal use and cannot be posted on any other websites or used for distribution purposes. If the corresponding author does not receive their complimentary PDF of their article, within 3 months after receiving their page proofs, they should notify Begell House immediately. Begell House will not honor claims for missing complimentary PDFs after the year in which the article is published.