

# JOURNAL OF ENHANCED HEAT TRANSFER

## Author Instructions

### Aims and Scope

The *Journal of Enhanced Heat Transfer* will consider scholarly papers related to enhanced heat transfer in natural and forced convection of liquids and gases, boiling, condensation, and radiative heat transfer. It will consider papers addressing either fundamental mechanisms or applied technology. Papers may include theoretical modeling, experimental techniques, experimental data, and/or application of enhanced heat transfer technology. The journal will also consider well-prepared review articles. The editors are interested in a wide range of papers dealing with both passive and active heat transfer enhancement techniques. Areas of interest include: specially configured surface geometries, electric or magnetic fields, and fluid additives- all aimed at enhancing heat transfer rates.

### Submission of Manuscripts

Authors may either submit the manuscript electronically, or mail hard copies. Electronically transmitted manuscripts should be emailed to [rlwebb@psu.edu](mailto:rlwebb@psu.edu). For hard copy submission, please submit five copies of your manuscript to the Editor-in-Chief, or to the Regional Editor in your area. Hard copies should be mailed to the Editor-in-Chief: Dr. Ralph Webb, Department of Mechanical Engineering, Pennsylvania State University, University Park, Pennsylvania, 16802. Electronic submissions should be sent via E-mail [rlwebb@psu.edu](mailto:rlwebb@psu.edu). Authors are also strongly encouraged to submit manuscripts to any of the regional editors listed on the inside cover. For final submission, three hard copies and a disk are required. The disk should be prepared using MS Word or WordPerfect and should be clearly labeled with the authors' names, file name, and software program. Each manuscript must be accompanied by a statement that it has not been published elsewhere and that it has not been submitted simultaneously for publication elsewhere. 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. All accepted manuscripts, artwork, and photographs become the property of the publisher. All parts of the manuscript should be typewritten, double-spaced, with margins of at least one inch on all sides. Number the manuscript pages consecutively throughout the paper. Authors should also supply a short-ended version of the title suitable for the running head, not exceeding 50 character spaces. Each article should be summarized in an abstract of no more than 100 words. Avoid abbreviations, diagrams, and reference to the text.

### References

Identify references in the text by giving the last name of the author(s) and the year of publication in square brackets. References will be cited at the end of the paper in alphabetical order. References should include: author name(s), year, title, journal (or book and publisher), volume, issue number and page numbers. Below are examples of entries for a journal, a book, a paper in an edited book, and conference proceedings:

#### Journal:

Nakayama, W. and Nakajima, T. (1982) Effects of Pore Diameters and System Pressure on Saturated Pool Nucleate Boiling Heat Transfer From Porous Surfaces, *Journal of Enhanced Heat Transfer*, Vol. 104, pp. 286-291.

#### Book:

Thome, J.R. (1990) *Enhanced Boiling Heat Transfer*, Hemisphere Publishing, Washington, DC, pp. 212-222.

#### Edited Book:

Nishikawa, K. and Ito, T. (1982) Augmentation of Nucleate Boiling Heat Transfer by Prepared Surfaces, in *Heat Transfer in Energy Problems*, eds. T. Mizushima and W.J. Yang, pp. 111-118, Hemisphere Publishing, Washington, DC.

**Conference Proceedings:**

Ma, T.M. (1987) Effects of Geometrical Shapes of Reentrant Grooves on Boiling Heat Transfer from Porous Surfaces, Heat Transfer 1986, Proc. 8th Int'l. Heat Trans Conf., Vol. 4, pp. 2013- 2018.

**Footnotes**

Footnotes should be identified in the text by superscript Arabic numerals and cited consecutively in the paper. All footnotes should be compiled on a separate sheet.

**Illustrations**

Illustrations submitted (line drawings, halftones, photos, photomicrographs, etc.) should be clean originals or digital files. Digital files are recommended for highest quality reproduction and should follow these guidelines:

- 300 dpi or higher
- sized to fit on journal page
- EPS, TIFF, or PSD format only
- submitted as separate files, not embedded in text files

**Tables and Figures**

Tables and figures should not be embedded in the text, but should be included as separate sheets or files. A short descriptive title should appear above each table with a clear legend and any foot-notes suitably identified below. All units must be included. Figures should be completely labeled, taking into account necessary size reduction. Captions should be typed, double-spaced, on a separate sheet. All original figures should be clearly marked in pencil on the reverse side with the number, author's name, and top edge indicated.

**Proofs**

One set of proofs is sent to the author. Proofs should be carefully checked and returned promptly. Alterations made in proof should be absolutely minimal.

**Offprints**

An offprint order form will accompany proofs. It should be completed and returned with the proofs. Each author of the article will receive a complete copy of the issue in which the article appears, up to a total of 3 copies per article.