

Author s Guide

**Procedures for submission of technical papers for publication in the
American Foundry Society
*International Journal of Metalcasting***

Thank you for considering a paper submission for publication in the American Foundry Society *International Journal of Metalcasting (IJMC)*. The publication and dissemination of technical information is one of the greatest contributions you can make to the continued health and stability of the metalcasting industry. The *International Journal of Metalcasting* is dedicated to publishing the best of metalcasting research and technical developments for the global metalcasting industry.

The Author's Guide below will provide you with an overview of the proper format for all IJMC submissions. Thank you again for choosing the AFS *International Journal of Metalcasting* as your choice for presenting and publishing your technical expertise.

IJMC Paper Submission Guidelines

DEADLINES

The IJMC is published four times per year for worldwide distribution. Technical paper submissions for the IJMC will be accepted at any time, and papers will be processed for peer review as they are received. After peer review approval, papers will be published in the next available issue. Although submissions will be accepted at any time, the following guidelines will provide target dates for each Journal issue.

SPRING ISSUE— (March)

- ▲ Nov 1-Intent (Offer Form, Title & abstract)
- ▲ Dec 1-submission

SUMMER ISSUE— (June)

- ▲ April 1-Intent (Offer Form, Title & abstract)
- ▲ March 1-submission

FALL ISSUE— (Sept)

- ▲ May 1-Intent (Offer Form, Title & abstract)
- ▲ June 1-submission

WINTER ISSUE— (Jan)

- ▲ Aug 1-Intent (Offer Form, Title & abstract)
- ▲ Sept 1-submission

PEER REVIEW

All papers published in the *International Journal of Metalcasting* will be approved only after rigorous peer review process. The editorial peer review board has been appointed by invitation, and is comprised of recognized international members representing three metalcasting industry segments: Academia (metalcasting professors); Science and Research (personnel from national labs, research and scientific institutions); and Industry (leading technical personnel from metalcasting facilities). Papers will be reviewed for technical and scientific merit and can be rejected due to insufficient data and/or experimentation. In addition, papers that do not adhere to the guidelines below will not be accepted for publication.

- ▲ Subject matter does not fall within the field of AFS activities.
- ▲ Contents are of a commercial nature.
- ▲ Subject matter is essentially of a speculative nature.
- ▲ Treatment is seriously defective in literary form and structure, continuity of thought and clarity of expression.

PAPER SUBMISSION REQUIREMENTS

Offer Form—A completed offer form, including all authors' signatures, addresses, telephone and fax numbers and email address is mandatory. Completion of this form signifies your intent to submit a paper and must be completed and submitted for a paper to be considered. This form also assigns AFS copyright approval and author's permission to publish the paper.

Electronic Copy—All papers should be submitted electronically by uploading through the International Journal of Metalcasting website, on a CD-ROM or by e-mail (journal@afsinc.org). Current size restrictions are 4MG maximum for email submissions. Submit in Microsoft Word (XP or lower versions) or as Rich Text Format (RTF). Do not send a PDF. The electronic copy should also include all graphics, tables, figures and photos.

Paper Copies – One original. The electronic version and hard copy must be identical.

Please note that papers will be published from your original submission. There will be minimal corrections for spelling or grammar. Please fully edit and proofread your paper before submission to ensure quality.

TEXT FORMAT

Abstract—At least 75 words are required, and not to exceed 150 words.

Text—Use Microsoft XP or lower version of Word or Rich Text Format (RTF). Published papers will be fully formatted by IJMC editors after peer review approval. Papers should be submitted using plain text in a full column format, with minimal formatting such as bold type, columns etc.

Artwork and Graphics—Include within the paper text a note referencing where each figure or table should appear in the final document. For example, include a note in the text designating (figure 1 here). All figures, tables, pictures, charts or other graphic material should be attached at the end of the text or in a separate file. Please include a figure or table number and caption with each item. Figure captions should be a complete sentence.

All artwork from not original to the author should be acknowledged (i.e. Photo courtesy of ABC Co., Inc.). It is the author(s)' responsibility to obtain permission to use any artwork, table, photo or anything that is not the author's original work. Proof that the author has obtained permission to use art, tables, graphs, etc., not their own must be provided upon request.

Measurement Units And Metric System

- ▲ Temperatures should be given both in Fahrenheit (F) and Celsius (C) units. If a temperature is given in Fahrenheit please follow it with the Celsius equivalent temperature in parentheses, and vice versa. It is not necessary to use a degree symbol when referring to temperature.
- ▲ Mechanical properties should be reported in megapascal (MPa) units, rather than Ksi. (1 MPa = 0.1450377 Ksi)
- ▲ Measurements in the text should be given in both millimeters and centimeters and inches or feet. This is not necessary in tables.

References—All statements and figures obtained from other literature must be cited within the text. The reference should be noted within the text as superscript, for example (¹). References should be listed numerically at the end of the paper. See the following for examples on how to write out the reference:

Reference—magazine article or paper presentation

1. Norris, J. D., Woods, C., "Fluidity of Silicon-Free Iron," *AFS Transactions*, vol. 20, pp 210-270 (1931).

Reference—book

2. Brown, J.E., *Heat Treatment of Aluminum Alloys*, 2nd ed., p 256, John Fellows Publishing Co., New York, NY (1940).

Reference—patent (should include patentee, country, patent number and date of issue)

3. Pasz, A., U. S. Patent No. 11,387,900 (Aug. 12, 1991).

Reference—for on-line book, article, reference or review

4. Ronald Gustafson, "Prototyping Process Produces Sand Molds, Cores for Production Castings," *Modern Casting*, August 2002, <http://www.moderncasting.com> (14 January, 2003).

COMMERCIALISM

Papers containing commercialism will not be accepted for publication. Commercialism is a direct attempt to sell a specific product or process as opposed to merely conveying technical information. Your paper will be reviewed for commercialism as part of the peer review process, and IJMC editors will remove any and all occurrences of commercialism. Following are examples of commercialism that will not be permitted:

- ▲ Trade name or company name in title.
- ▲ More than one reference to your own trade name or company name in the body of the paper, including artwork and photographs. The single reference should appear as a footnote, and should be used for clarification of generic terms.
- ▲ Any reference to other companies or other company trade names.
- ▲ Unsubstantiated, subjective evaluations or claims.
- ▲ Logos appearing in artwork, graphs or tables, other than photographs of equipment with nameplates.