



2018
Author's Guide

Technical Paper Submission Requirements



2018 Technical Paper Submission Requirements

All papers must adhere to the following requirements and use the *AFS Paper Template* at: www.metalcastingcongress.org. For assistance contact: castingcongress@afsinc.org

Paper Submission Deadlines

The complete Technical Paper & Copyright Agreement must be received by SEPTEMBER 15.

Technical Paper Abstract Due	AUGUST 15
Complete Technical Paper and Copyright Agreement Due	SEPTEMBER 15
Panel Presentation and Copyright Agreement Due	OCTOBER 15

Basis for Rejection of Papers

Papers will be peer reviewed for technical and scientific merit and can be rejected for the following reasons:

- Insufficient data and/or experimentation
- Subject matter does not fall within the field of AFS activities
- Contents are of a commercial nature, trivial or over expanded
- Subject matter is of a speculative nature
- Content is defective in literary form, continuity of thought and clarity of expression

Papers that do not adhere to the guidelines will not be accepted for publication. The respective Program and Papers Committee reserves the right to reject papers on grounds other than those listed.

Items to be Submitted by Author

COPYRIGHT AGREEMENT—a completed electronic *Author's Copyright Agreement* is required from each author for a paper to be considered for publication. AFS requires the author(s) permission to publish a paper.

AUTHOR PAPER—the electronic copy of your paper must include a text file with all artwork (tables, figures and photos) embedded within the text at the point of reference. Submit by uploading at: www.metalcastingcongress.org, in the latest version of Microsoft Word only.

REMINDER— Papers will be published from your original submission with minimal editing and/or reformatting. If English is not your native language, you should have your technical paper edited by a native English speaker prior to submission. A clear and concise submission will ensure a smooth peer review process. Failure to comply with the submission guidelines may prohibit your technical paper from being published.

Formatting

Text

Go to: www.metalcastingcongress.org for: Technical Paper Style Palette, Paper Template and the Sample Paper.

- **Title**—should be upper and lower case, centered at the top of the first page.
- **Author Information**—author(s) names(s) and affiliation/City, State & Country should be upper and lower case. Use author's first name, middle initial, and last name.
- **Abstract**—75 to 150 words
- **Keywords**—should be added after the Abstract, up to 10 words.
- **Text**—single-spaced, double column, with 3/4-inch margins all around. Use Times New Roman 10-pt font for body text except in Title, Headings, and Captions. Use an extra line space between paragraphs; do not indent paragraphs or justify columns. Use tab key to align data; do not use the space bar. Text must flow from top-to-bottom, left-to-right.
- **Do not use headers, footers, page numbers, linked references, or footnotes.**
- **Columns**—should be left-justified.
- **Graphics**—all artwork, graphs and charts should be embedded in the text close to the citation. **Do not wrap text around artwork or tables.**
- **References**—must be listed at the end of the paper.
- **Equations**—create equations in Equation Editor (found under the Insert/Equation tab) and number equations consecutively. Left align the equation and right align the equation number as follows:

$$a + b = c$$

Eqn. 1

Images, Charts & Tables

All artwork must be embedded in the text file close to where it is cited. Artwork should be highest resolution possible; tables and graphs should be legible. For information on sizing files, contact castingcongress@afsinc.org

- **Tables**—do not use complex formatting/shading. If the table width spans two columns, see Paper Template.

Captions

- **Figure Captions**—must be a complete sentence, located below each figure, flush left. The figure should be located after it is cited. Do not use a list of figures at the end of the paper. See example in Paper Template.
- **Table Captions**—table captions must be in phrase format and located above each table, centered. Do not use a list of tables at the end of the paper. See example in Paper Template.

NOTE ON ARTWORK

Artwork that is not property of the author must be acknowledged (e.g., Artwork courtesy of ABC Co., Inc.). It is the author's responsibility to obtain permission to use any artwork, video clip, table, figure, photo, etc. that is not the his/her property. Proof that the author has obtained permission to use this artwork must be included with the technical paper submission along with the signed Copyright Agreement form.

Measurement Units & Metric System

Use metric SI units as published in ASTM E380-93, “Standard Practice for the Use of the International System of Units (SI).” The paper should be consistent in either English or SI units.

- **Temperatures**—must be in Fahrenheit (F) & Celsius (C). Fahrenheit units must be followed by Celsius units in parentheses. A degree symbol should be used only when referring to a temperature differential.
- **Mechanical properties**—should be reported in MPa. (1 MPa = 0.1450377 Ksi).
- **Metric & English Units**—are both used in the text. Metric should be converted to English and vice versa.
- **Inches and feet**—use abbreviations (ft.; in.), not symbols.

References

All information from other literature must be cited as a Reference within the text as a superscripted number. References are listed numerically at the end of the paper in the Reference section. End references with a period.

Example Reference—magazine article or paper presentation

1. Wetzel, S., “Fulfilling Da Vinci’s Dream,” *Modern Casting*, pp. 25–26 (April 2013).

Example Reference—book

2. Scholz, R.C., PE, “Managing the Foundry Indoor Air Environment,” American Foundry Society, Des Plaines, IL (2003).

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

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

Example Reference—e-book, article, reference, or review

4. Gustafson, Ronald, “Prototyping Process Produces Sand Molds, Cores for Production Castings,” *Modern Casting*, August 2002, www.moderncasting.com/archive/TechIn/TechIn_069_01.asp> (14 January 2003).

Commercialism

Papers containing commercialism will not be accepted for publication. Papers will be reviewed for commercialism as part of the peer review and editing process as follows:

- Trade name or company name must not be used in the title.
- More than one reference to your own trade name or company name in the body of the paper, including all artwork and videos, will not be permitted.
- More than one reference to other companies or other company trade names will not be permitted.
- Unsubstantiated, subjective evaluations or claims will not be permitted.
- Logos in artwork other than equipment photographs with nameplates will not be permitted.