



2022

Author's Guide

Submission Requirements
for
Papers, Presentations & Panels



2022 Paper/Presentation 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

SUBMISSION CATEGORIES

<p>PRESENTATION & PUBLICATION—your paper must be submitted in the latest version of MS Word only. The file must include a text file with all artwork (tables, figures and photos) embedded within the text at the point of reference. Upload at: https://owpm1.com/abstracts/AFS/</p> <ul style="list-style-type: none"> ✓ All Abstracts Due..... ✓ Complete Technical Paper Due..... ✓ Author’s/Speaker’s Copyright & Publication Agreement Due..... ✓ Final PowerPoint Due..... 	<p>August 15, 2021 September 15, 2021 September 15, 2021 February 15, 2022</p>
<p>INDIVIDUAL PRESENTATION ONLY—your entire presentation must be submitted in the latest version of PowerPoint. Upload at: https://owpm1.com/abstracts/AFS/</p> <ul style="list-style-type: none"> ✓ Presentation Only PowerPoint Due (for review purposes)..... ✓ Author’s/Speaker’s Copyright & Publication Agreement Due..... ✓ Final PowerPoint Due..... 	<p>September 15, 2021 September 15, 2021 February 15, 2022</p>
<p>PANEL PRESENTATION ONLY— your entire presentation must be submitted in the latest version of PowerPoint. Upload at: https://owpm1.com/abstracts/AFS/acceptance</p> <ul style="list-style-type: none"> ✓ Panel Presentation Abstract Due..... ✓ Author’s/Speaker’s Copyright & Publication Agreement Due..... ✓ Final PowerPoint Due..... 	<p>October 15, 2021 October 15, 2021 February 15, 2022</p>

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.

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.

Formatting

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

Text

- **Title**—upper and lower case font, centered at the top of the first page.
- **Author Information**—author(s) names(s) and affiliation/City, State & Country in upper and lower case. Use author's first name, middle initial, and last name.
- **Abstract**—75 to 150 words in length
- **Keywords**—add 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**—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**—list at the end of the paper. See example in the *AFS Paper Template*.
- **Equations**—create equations in *Equation Editor* (found under the Insert/Equation tab) and number the 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 of the highest resolution possible; tables and graphs should be legible.

Tables—do not use complex formatting/shading. If the table width spans two columns, see example in the *AFS 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 the *AFS 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 the *AFS 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, table, figure, photo, etc. that is not 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 AFS Author's/Speaker's Copyright & Publication Agreement form.

Measurement Units & Metric System

- **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 (in., ft.), 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. Kurkel, Doug, “Staying Committed to the Young People Entering our Industry,” *Modern Casting*, American Foundry Society (March 2021).
2. Gallo, Rafael, “Inclusions in Aluminum Castings by SEM Characterization,” AFS Transactions, Paper 20-052, 124th AFS Metalcasting Congress (2020).
3. Prucha, T., “From the Editor,” *AFS International Journal of Metalcasting, (IJMC)* 10, 375 (2016).
<https://doi.org/10.1007/s40962-016-0083-x> (Link last accessed 4-7-21)

Example Reference—book

4. Shah, Jiten, “The 3D Printed Precision Sand Casting Process,” American Foundry Society, Schaumburg, IL (2021).

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

5. Bohra, H., Ramrattan, S.N., Joyce, M.K., Fleming, P.D., III, Ikononov, P., “Patternless Sand Mold and Core Formation for Rapid Casting,” U.S. Patent No. US9901977B2 (2013).

Commercialism

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

- More than one reference to company or trade names will not be permitted.
- Unsubstantiated, subjective evaluations or claims will not be permitted.
- Direct comparisons with other products or companies will not be permitted.
- Selling price or cost of a product or service will not be permitted..
- Logos in artwork other than equipment photographs with nameplates will not be permitted.

For more detailed commercialism guidelines, see the authors guide at www.metalcastingcongress.org
