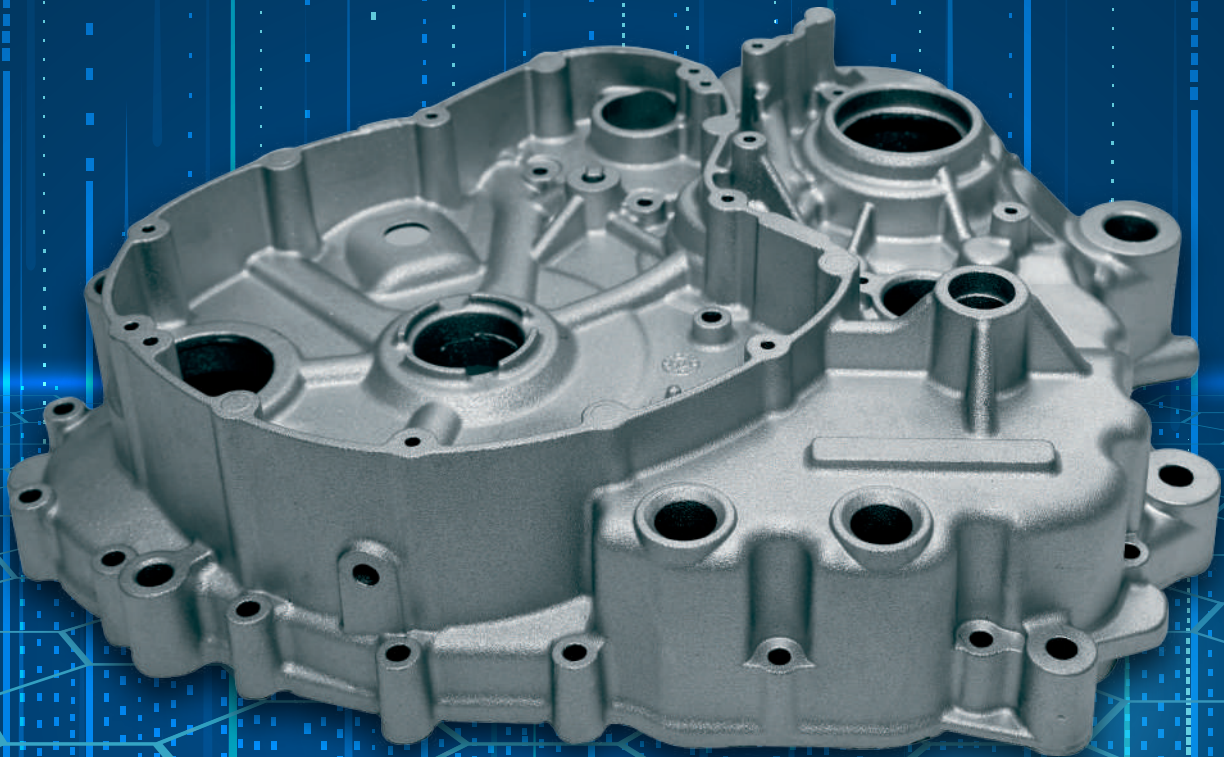


# ALUCAST® 2026

INTERNATIONAL EXHIBITION & CONFERENCE - ALUMINIUM DIE-CASTING  
YASHOBHOOMI, DWARKA, NEW DELHI | 10<sup>TH</sup> - 12<sup>TH</sup> DECEMBER 2026

## SHAPING THE FUTURE OF DIE CASTING: AI, TRENDS AND TECHNOLOGIES

### CALL FOR PAPERS



Event  
Organizer



PARTNER IN PROGRESS  
FOR ALUMINIUM AND  
DIE CASTING INDUSTRY

Event  
Producer



NÜRNBERG  
MESSE

[www.alucastexpo.com](http://www.alucastexpo.com)

# ALUCAST<sup>®</sup> 2026

Event Theme - Shaping the Future of Die Casting: AI, Trends and Technologies

## Topics Suggested for ALUCAST<sup>®</sup> 2026 Technical Conference

- Nano Particles in Alloys
- Rheocasting
- Thixomolding
- Use of Alternate Materials such as Magnesium Alloys for Light weighting solutions in Die Casting applications
- AI in defect analysis, testing and Statistical quality control
- Application of AI in energy Conservation
- AI assisted low cost automation for MSME
- AI-Driven Process Optimization in Die Casting
- Smart Foundries: Integrating AI with Industry 5.0 in Die Casting
- Predictive Maintenance of Die Casting Machines Using AI
- Smart Sensors and IoT for Real-Time Monitoring of Die Casting Operation
- Data Analytics through AI for Process Control in Die Casting
- Workforce Transformation: Skills Needed for the AI-Driven Foundry
- Reducing Porosity and Defects Using AI-Based Monitoring

Any other topic aligned with the theme.



# GUIDELINES

## Preparing the Technical Paper & Making a Presentation at ALUCAST® 2026 Technical Conference

Here are a few guidelines to be followed by all authors for preparation and presentation of Technical Papers:

### SUBMISSION OF ABSTRACT

- Select a title that is aligned with the Theme for ALUCAST® 2026 - **SHAPING THE FUTURE OF DIE CASTING: AI, TRENDS AND TECHNOLOGIES** & that suggests the main thoughts and the ideas behind the paper.
- The title should be preferably short and should reflect the gist of the Paper.
- The Abstract be written in one paragraph and it should not be more than 300-350 words.
- The Abstract should reflect the relevance of the Paper to the Die Casting Industry.
- The Abstract should be a self-standing document and must include in brief the central idea or the gist of the paper and brief remarks about the technical content elaborated in the Paper that may include in brief the findings about the technology or the research work carried out, solutions to specific technical problem area, impact and concluding remarks about the subject chosen.
- The Abstract must be clear and concise. **It should reflect the uniqueness and novelty of the subject chosen and clearly indicate that the content presented is different and is not previously published.**
- The Abstract should not include references, figures, tables, calculations or any notes.
- Submit the abstract for the review and approval of the Technical Papers Committee **before Saturday, 20<sup>th</sup> June 2026** on the email address as specified. Approval of the abstract will be communicated within one week of submission.
- After abstract approval, proceed with the preparation of the full-length paper.
- The full-length Paper should be submitted **before Friday, 31<sup>st</sup> July 2026** on the email ID as specified.

### GUIDELINES FOR PREPARING THE PAPER

- Ensure that the content is original, brief and to the point.
- Ensure simplicity and ease of understanding from the readers' perspective in the content. Use simple and clear English language.
- Support the content with graphs, charts, tables, sketches or photographs / images and relevant illustrations and examples or case studies as appropriate for the topic chosen.
- Label photographs / images, graphs, charts, tables, sketches etc. appropriately and clearly.
- Avoid business promotion.

# GUIDELINES

## GUIDELINES FOR FORMAT OF THE PAPER

- The Paper should be submitted in the form of a soft copy with the complete content including the figures, graphs, sketches, images etc. on the email address as specified.
- The length of the Paper **should not exceed 10 pages**.
- The content of the Paper should be organized under the following sub-headings: -
  - Abstract
  - Introduction
  - The Body of the Content (The main content of the Paper)
  - Summary / Conclusion as applicable
  - About The Author (Photograph, Name, Brief Profile, Email id)
  - References
  - Acknowledgement
  - Author Affiliation (The Name of the Company / Organization to which the Author is affiliated)
  - Definitions, Acronyms, Abbreviations
  - Appendix
- Tables and illustrations should be embedded into the text.
- All the images should be of 300dpi and in the **JPEG or PNG format**.
- MS Word is the preferred word processing package.

## PAGE LAYOUT

- Page layout must be A4 size, double column in **MS WORD FORMAT** and **NOT IN PDF / POWERPOINT FORMAT**.

## TIMELINES

| Stage                         | Deadline                             |
|-------------------------------|--------------------------------------|
| Abstract Submission           | 20 <sup>th</sup> June 2026           |
| Abstract Approval             | Within 1 week of Abstract Submission |
| Full Paper Submission         | 31 <sup>st</sup> July 2026           |
| Paper Approval & Confirmation | 15 <sup>th</sup> September 2026      |
| PPT Submission                | 15 <sup>th</sup> October 2026        |

**Note:** Only papers delivered on time will be considered.

# GUIDELINES

## PREPARING YOUR PRESENTATION FOR MAIN EVENT DAY

- The Paper should be presented with the help of audio-visual aids in the **ALUCAST® 2026 Technical Conference**. Mere reading of the paper is discouraged.
- The PowerPoint Presentation should be submitted to the ALUCAST Secretariat **by Thursday, 15<sup>th</sup> October 2026**. This is to ensure that we do not miss out on the Presentation in case the Author is not able to play the Presentation from his side due to some technical difficulty.
- **MS Power Point** is the preferred presentation package.
- The time allotted for each Presentation is **30 minutes** (20 minutes for Presentation + 10 minutes for Q&A).

## REVIEW

- Draft of the Paper will be subject to review by the **ALUCAST® 2026 Technical Organizing Committee**, who reserve the right to edit, if required, or ask the Author to correct factual errors if any.
- Papers submitted for publication will not be returned to the Authors and will remain with ALUCAST.
- The **ALUCAST® 2026 Technical Organizing Committee** reserves the right to reject papers which have already been published in any other forum.

## NOTES

- Only ONE Author, who presents the Paper during the Conference, is allowed **FREE** for participation in the **ALUCAST® 2026 Technical Conference**.
- Other co-authors, if any, are welcome to **REGISTER AS PAID DELEGATES**.





## YOUR CONTACT

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