

ALUCAST[®] 2022

INTERNATIONAL EXHIBITION & CONFERENCE – ALUMINIUM DIE-CASTING
CHENNAI TRADE CENTRE, CHENNAI | DECEMBER 1-3, 2022

www.alucastexpo.com



CALL FOR PAPERS

**GREEN & SMART DIE CASTING
SOLUTIONS FOR SUSTAINABILITY**

Organized by:



PARTNER IN PROGRESS
FOR ALUMINIUM AND
DIE CASTING INDUSTRY

Event Producer:

NÜRNBERG MESSE



EVENT THEME & TECHNICAL PRESENTATION TOPICS

Event theme of **ALUCAST® 2022** is
“GREEN AND SMART DIE CASTING SOLUTIONS FOR SUSTAINABILITY”

Topics Suggested for Technical Presentations at **ALUCAST® 2022 Technical Conference**

Green Fuels for Aluminium Melting

Smart TPM (Temperature & Pressure Management) for Improving Energy Efficiency & Quality in Castings

Additive Manufacturing – A Transformational Approach to Smart Die Casting

Die Casting 4.0

Aluminium in Electric Vehicles: The Smart Choice for Light, Safe & Sustainable Mobility

The Smart 3R (Reduce, Reuse, Recycle) Approach for Green Die Casting

The 3-layered Innovation Approach To Sustainability In Die Casting – Innovation in Material, Process & Tools/technology

Digitization in Die Casting for Smart (Optimized & Sustainable) Manufacturing

Moulding People with Moulding Aluminium – Smart Talent Management in Die Casting

Smart Ps (People, Processes & Products) for Cost Optimization in Die Casting



GUIDELINES FOR AUTHORS

Preparing the Technical Paper & Making a Presentation at **ALUCAST® 2022 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® 2022 - GREEN & SMART DIE CASTING SOLUTIONS FOR SUSTAINABILITY** & 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 advance information of the Technical Papers Committee before Tuesday, 16th August 2022 on the email address as specified.**
- Proceed to prepare the full-length paper.
- **The full-length Paper should be submitted before Friday, 16th September 2022 on the email address 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 / product presentation.

GUIDELINES FOR AUTHORS

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 format.**
- **MS Word** is the preferred word processing package.

TEXT LAYOUT

- Page format must be A4 size, double column in editable text form and **NOT IN POWERPOINT PRESENTATION FORMAT.**

SCHEDULE

- The Abstract must reach the ALUCAST Secretariat on the email address as specified **before Tuesday, 16th August 2022.**
- The full-length Paper must reach the ALUCAST Secretariat on the email address as specified **before Friday, 16th September 2022.**
- The Approval and Confirmation of the Paper would be communicated to the Author through email **by Friday, 30th September 2022.**
- Note that only the Papers received within the deadline will be considered for inclusion in the Technical Volume / Proceedings for **ALUCAST® 2022.**

GUIDELINES FOR AUTHORS

PREPARING FOR YOUR PRESENTATION

- The Paper should be presented with the help of audio-visual aids in the **ALUCAST® 2022 Technical Conference**. Mere reading of the paper is discouraged.
- The Power Point Presentation should be submitted to the ALUCAST Secretariat **by Monday, 31st October 2022**. 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 **40 minutes** (30 minutes for Presentation + 10 minutes for Q&A)

NOTE

- Draft of the Paper will be subject to review by the **ALUCAST® 2022 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® 2022 Technical Organizing Committee** reserves the right to reject papers which have already been published in any other forum.

PLEASE NOTE

- Only ONE Author, who presents the Paper during the Conference, is allowed FREE for participation in the **ALUCAST® 2022 Technical Conference**.
- Other co-authors, if any, are welcome to **REGISTER AS PAID DELEGATES**.

POINT OF CONTACT

Rushikesh Bhange

rushikesh.bhange@alucast.co.in

Technical Assistant, ALUCAST Secretariat



PARTNER IN PROGRESS
FOR ALUMINIUM AND
DIE CASTING INDUSTRY

Aluminium Casters' Association (ALUCAST)®, India

702, Amar Neptune, Baner Road, S. No. 6/1/1,

Plot No. 45, 46A, 46B Pune 411045

T: +91 20 27290014

E: alucastindia@alucast.co.in