



South African Symposium
on Metal Casting Technology [SASMCT]
3 - 4 November 2014

CALL FOR PAPER AND POSTER PRESENTATION

We welcome you to participate in the first South African Symposium on Metal Casting Technology (SASMCT) on 3 - 4 November 2014 at the Cape Peninsula University of Technology, Cape Town.

SASMCT is jointly organised by the Metal Casting Technology Station (MCTS) at the University of Johannesburg and the Foundry Technology Programme at Cape Peninsula University of Technology. The symposium is supported by the South African Institute of Foundrymen (SAIF) and the Department of Science and Technology (DST) through their Technology Localisation Plan aimed at developing human capital and R&D capabilities towards an innovative and competitive SA foundry industry. SASMCT is aimed at providing a platform for South African researchers to showcase their latest developments in a wide range of topics related to Metal Casting.

Most importantly, the Symposium aims to bring together currently dispersed researchers from all over the country working in areas of common interest, build networks for critical mass and foster collaboration. These are necessary for the South African foundry industry to realise high technology - high value opportunities, such as those linked to the infrastructure expansion programmes and the growing demand for technology in key economic sectors. Whilst platforms for networking and presentations around these topics have been established, such as the SA Metal Casting Conference, it is equally important to develop platforms for dissemination of research and technology in related areas.



South African Institute of Foundrymen

Scope of the Symposium

The scope of the Symposium is to promote exchange of results and ideas in the fields of Metallurgy, Material Engineering and related sciences as well as to foster collaboration between the academic and industrial community. The SASMCT 2014 covers a wide range of technology areas:

- Casting Methods, CM
- Physical and Mechanical Metallurgy, PMM
- Plastic Deformation and Metal Processing, PDMP
- Corrosion and Protection of Metals, CPM
- Process Engineering and Management, PEM
- Nanomaterials for Casting, NC
- New and Advanced Alloys, NAM
- High Performance Coating Technology, CT
- Waste minimisation and Recycling, WMR
- Environmental Protection, EP
- Inorganic and Refractory Materials, IRM
- Energy Efficiency in Foundries, EEF
- Rural Foundry, RF

Presentations

Submission of Extended Abstract and Poster

All presenters are requested to submit abstracts or posters of their presentations, which will be compiled in to a book of abstracts for distribution to delegates.

The text should describe the aim of the work and should provide a brief introduction sufficient to orientate the non-specialist reader. A brief description of the techniques employed, a discussion of the results, and a mention of the most important conclusions should be included (Refer to Template). Papers and extended abstracts will be accepted for reviewing on condition that the manuscript is original and has not previously been published or presented at a conference.

The following details should be included in your abstract and full paper: Title, Name of Author(s), Affiliation (s), and full address of the corresponding author, including email address.

Extended abstracts should not exceed 400 words in length. One page extended abstracts should be prepared on A4 paper. Your abstract should include the title, list of authors, affiliations with addresses, including email for the speaker, and the text, in that order. The name of the speaker should be underlined. Keep in mind if including figures that abstracts will likely be printed in black and white, not color. We prefer that you prepare your abstract in Microsoft Word format. A maximum of two presentations per registration will be accepted.

Page size: 21.59 cm x 27.94 cm.

Margins: top, bottom, left and right: all 1" (2.54 cm).

Font: Times New Roman 12 point for the main body of the text, 14 point for the title.

03.11

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Page numbering: Insert page numbers from page 1.

Text: Text should be typed single-spaced. However, if the paper includes numerous superscripts or subscripts, 1-1/2 spacing may be used. Double spacing should only be used before and after headings and subheadings as shown in the example. No spaces should be placed between paragraphs but the leading word should be indented by 3 inches.

Justification: Use left justification only.

Figures: Embed figures into the text and should be clear. If pictures are in colour, please verify that they are readable and clear when printed in black and white.

Abstracts and posters should be submitted by email to: medhurstj@cput.ac.za by 31st July 2014. A colour passport size photograph of the presenter must accompany each abstract. Presenters are encouraged to include up to two photographs related to their research project for inclusion in the book of abstracts.

Notice of acceptance will be sent to authors by 22 August 2014.

Registration

Closing date for Registration is **15 October 2014**.

Please complete the registration form and forward to Mrs Julie Medhurst at medhurstj@cput.ac.za.

Cost per Delegate: R500

Conference Technical Committee

The Technical Committee consists of the following members:

1. Dr Didier Nyembwe, Head of Department of Metallurgy, University of Johannesburg;
2. Dr Meera K. Joseph, Senior Lecturer, University of Johannesburg;
3. Dr Nawaz Mahomed, Dean of Engineering, Cape Peninsula University of Technology;
4. Dr Xiaowei Pan, Senior Lecturer Department of Metallurgy, University of Johannesburg;
5. Mr Farouk Varachia, Director: Metal Casting Technology Station, University of Johannesburg;
6. Mr John Davies, CEO, South African Institute of Foundrymen SAIF;
7. Dr Ouassine Nemraoui, Lecturer, Cape Peninsula University of Technology;
8. Dr Jones Papo, Manager Advanced Materials Division, Mintek;
9. Mr Lucky Juganan, Member of the National Foundry Technology Network (NFTN) steering Committee.

Key Dates

31 July 2014	Submission of Extended Abstracts
22 August 2014	Notification of Acceptance of Abstracts
15 October 2014	Last day for Registration
3-4 November 2014	Symposium

Accommodation

Delegates may choose their own accommodation, but the following options are recommended for cost and location:

The Best Western Cape Suites Hotel, Corner of De Villiers & Constitution Streets, Cape Town 7925
Website: <http://bestwesterncapesuiteshotel.co.za>

Type of room	Max person	Single	Double
Studio	2	R790	R980
One Bedroom Apartment	2	R870	R1080
Two Bedroom Apartment	4	R1620	R1620
Three Bedroom Apartment	6	R1990	R1990

The Stellenbosch Hotel, Address: Corner of Dorp & Andringa Streets (162 Dorp Street), Stellenbosch 7600
Website: <http://www.stellenboschhotel.co.za>

Type of room	Max person	Single	Double
Petite Room	2	R700	R880
Classic Room	2	R870	R1090
Cape Dutch Room	2	R870	R1090
Luxury Room	2	R1050	R1320
One Bedroom Apartment	2	R1050	R1320
Two Bedroom Apartment	4	R2120	R2120
Three Bedroom Apartment	5	R2370	R2370

Rivierbos Guest House, Address: 1 Hamman Street, Stellenbosch 7600,
Website: <http://rivierbos.co.za>

Type of room	Max person	Single	Double
Standard Room	2	R530	R670
Classic Room	2	R600	R760

Enquiries

Mrs Julie Medhurst

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