

(Saturday, 6-2-10)

**Plenary Session-1** (9.30 am - 11.00 am)

**Chairman :** Shri V. Mahadevan, Chennai

1. Utilizing the Information Technology on Pattern Production and Foundry Technology in Kimura  
– *Hiroyoshi Kimura, Japan*
2. Future Trends for the Auto Components Sector and Its Expectations from the Foundry Industry  
– *V. Narasimhan (on behalf of ACMA, New Delhi)*
3. Indian Foundry Industry at the Door Step of an Exciting Future  
– *Bishwambhar Mishra, M & M Ltd. Mohali (Punjab)*

**Session-1A** (11.30 am - 1.00 pm)

**Chairman :** Shri K. S. Satyanarayana, New Delhi

- *Graham Cooper, UK*
5. Maximising Sand Recovery in the Foundry  
– *Mark Fenyes, UK*
6. Innovative Ideas for Improving Foundry Productivity and Casting Quality  
– *R. Venkataraman, Ropar (Punjab)*
7. Global Casting Trends & Combating International Competition  
– *Chandra Rajan, Pune*

4. Thoughts for Modern Melt Shop

**Session-1B** (11.30 am - 1.00 pm)

**Chairman :** Shri S. Thiagarajan, Chennai

8. Production of Heavy and Thick Ductile Iron Castings (Process Review and Potential Defects)  
– *Pierre-Marie Cabanne (Frankfurt), Chantal Labrecque (Sorel-Tracy), Gene Murratore (Chicago), Hans Roedter (Frankfurt)*
9. Production of High Silicon-Molybdenum (SiMo) and Austenitic Irons Using Thermal Analysis  
– *Karl Hopkins, Great Britain*
10. Copper and Copper Alloys –  
Newer Materials and Processes  
– *Dr. P. Sriram, Dr. K. V. U. Praveen, Ch. Visweswara Rao; Bangalore*
11. Development of a Semi-Solid Aluminium Casting for a Near-Net-Shape Automobile Component  
– *Hansa Lakshmi, M. C. Vinay, R. Raghunath, Pramod Kumar, V. Ramanarayanan, K.S.S. Murthy, P. Dutta; B'lore*

## Technical Papers in 58th IFC

(Rich contents of technical papers and other presentations in this Congress)

**TechMart Session-A** (2.30 pm - 4.00 pm)

**Chairman :** Shri Sanjay Desai, Ahmedabad

12. Anti-Corrosion Packing Systems for Castings  
– *K. Sashidhar (Suprabha Protection Systems ..., Pune)*
13. Increasing Profitability in Foundry Industry using Contemporary IT Solutions  
– *Anil Srivastava (SDS Pvt. Ltd.)*
14. DISA Sand Plant – Boon to Foundries  
– *Niels Rasmussen (DISA, Denmark)*  
– *V. N. Satyanarayana (DISA India Ltd., Bangalore)*

**TechMart Session-B** (2.30 pm - 4.00 pm)

**Chairman :** Shri Suryaprakash Rao, Chennai

15. Low Ash Metallurgical Coke from Ennore Coke Ltd.  
– *Representative from Ennore Coke Ltd., Kolkata*
16. Quality Castings from Furnace to Mould – Refractory Solutions for Ferrous and Non-Ferrous Foundries in Coreless Induction Furnace\*  
– *Karl Szulakowski (Capital Refractories Ltd.)*
17. How to Manufacture Cast Parts Efficiently\*  
– *Martin Fink (ProfiCast Group)*  
\* Represented in India by Nickunj Exports (P) Ltd., Mumbai

**Session-2A** (4.00 pm - 5.30 pm)

**Chairman :** Dr. S. K. Goel, New Delhi

– *Staf Henderieckx, The Netherlands*

– *D. S. Chandrashekar, Shimoga*

20. Customer-focused Total Quality Management  
– *B. Shankar Nadkarni, USA*

18. Process Control

19. Process Improvement Projects

**Session-2B** (4.00 pm - 5.30 pm)

**Chairman :** Shri Ziauddin, New Delhi

21. Development of Castings for Export – A Few Case Studies  
– *Jayant V. Patankar, Kishor N. Desai; Pune*
22. Turn-Around Story of The Kolhapur Steel Ltd.  
– *Ganesh K. Iyer, Hemant G. Dhage; Kolhapur*
23. Enhancing Competitiveness of Small and Medium Size Foundries – Scope, Challenges and Way Forward  
– *Mukesh Gulati, (Ms.) Neetu Goel (New Delhi); N. Ramamurthi (A'bad)*
24. Cokeless Cupola – Indian Experience  
– *Dr. B.K. Basak, Kolkata; Richard Thomas Taft, UK*

**(Sunday, 7-2-10)**

**Plenary Session-2** (9.30 am - 11.00 am)

**(Session on Family Run Business)**

**Chairman :** Dr. V. G. Patel, Ahmedabad

25. My Experience with Family Enterprises  
– *Vijay Menon, Kolhapur*
26. Miles to go before I Sleep  
– *Dr. S. R. Ganesh, Ahmedabad*
27. Family Run Business – Opportunities & Threats  
– *Dilip Pithadia, USA*
28. Future of Family Owned and Managed Firms in the New Business Scenario (& concluding Chairman's summary)  
– *Dr. V. G. Patel, Ahmedabad*

**Session-3A** (11.30 am - 1.00 pm)

**Chairman :** Prof. P. Thareja, Chandigarh

29. Solidification Simulation Approaches and Their Application for Shrinkage Porosity Prediction  
– *Durgesh Joshi, Mayur Sutaria, Vasudev Shinde; Indore*
30. Comparative Evaluation of Usability of FEM- & VEM-based Casting Simulation Software  
– *Rabindra Behera, Sujit Das, A. Dutta, D. Chatterjee, G. Sutradhar; Kolkata*
31. Casting Simulation – Best Practices

– Dr. B. Ravi, IIT Bombay

32. Microstructure Evaluation by Computer Simulation of Aluminium Die-casting\*

– Dr. S. Shamasundar, Rajeev Chakravarthy, Ganesh Babu; Bangalore (\* This paper was not presented as the author could not attend the congress.)

**Session-3B** (11.30 am - 1.00 pm)

**Chairman :** Prof. J. L. Juneja, Ahmedabad

33. Energy Efficiency – Why? And How?

– R. Gopal, Chennai

34. Process Improvement in Producing White Cast Iron Pump Wear Parts (Used in Alumina & Steelmaking Industry)

– Debashish Kumar Bose, Ahmedabad

35. Colour Changing Refractory Coatings as Quality Control Tool for Various Foundry Sand Systems & their Economics

– Sushil Sharma, Nagpur

36. Innovative Approach to Casting Defects Analysis – Through Case Studies

– Prof. S. K. Paknikar, Pune

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## Souvenir–cum–Castings Buyers' Guide

The following information will help you to make the best use of your copy of this Souvenir-cum-Castings Buyers' Guide.

Total Pages : 302 + 6 + 4 = 312 + Cover

Contents are highlighted on the page facing page no. 1 in it.

<b>Contents</b>	<b>Page Nos.</b>
Messages	1-9
Information about Organising Team	11-18
Some Useful Technical Information	19-31b
Advertisements of Foundry Suppliers	33-162
Classification of Foundries	164-173
Profiles of 89 foundries	175-263
Advertisements of Foundries	264-296
Index	298-301

Profiles of 89 Foundries have been presented in reader-friendly manner – using one page per foundry, providing essential information about each foundry, with photographs of typical castings produced by the foundry. Classification of these foundries also done in excellent manner.

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## Technical Papers Volume and CD

Due to low demand in advance by the delegates, limited number of copies have been printed. CD containing these papers was given to each delegate. Printed copy was priced at Rs.500, resulting in low demand. Some copies are still available.

It is nicely printed in B/W, and beautifully bound.

Pages : 245, Papers : 30, Price : Rs. 500/-\* per copy

(\*including packing and postal/courier charges, in India)

Some CDs are also available for sale. (Price : Rs. 200/-\*)

(\*including packing & courier charges)

Payment by cheque/DD payable to "58th Indian Foundry Congress – A/c IIF", payable at par at Ahmedabad.

For your need, please contact:

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*(Source : Information from 58th IFC Secretariat)*