

Reply Form

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Title (Division) ,

Affiliation

Company, Organization, Institute

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City Country

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I am interested

- To present a paper
- In attending the Congress
- To exhibit
- To get future information

Key Dates

March	2008	2nd Circular
Oct.	2008	Deadline for abstracts submission
March	2009	Acceptance of abstracts and invitation to submit full contribution including guidelines for authors
July	2009	Submission deadline for full Manuscripts

ICSTI' 09 Congress Secretariat

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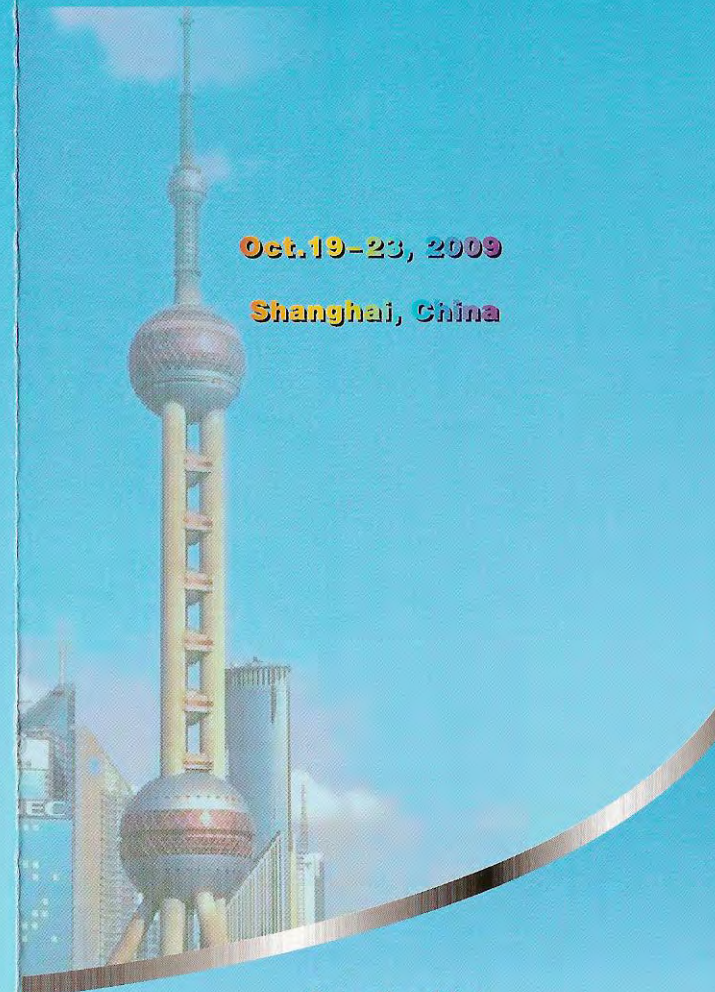


First Circular

The 5th International Congress on the Science and Technology of Iron-making (ICSTI' 09)

Oct.19-23, 2009

Shanghai, China



**Organized by
The Chinese Society for Metals**

Aim of the Congress

Thirteen years have been pasted since the inauguration of the International Congress on the Science and Technology of Iron-making in 1994. The first congress was held in Sendai, Japan in June 1994; the second was held in Toronto, Canada in March 1998; the third was held in Dusseldorf, Germany in June 2003 and the fourth was held in Osaka Japan in November 2006. It is China's turn to host the 5th International Congress on the Science and Technology of Iron-making (ICSTI' 09). Based on the success of previous congresses, The 5th International Congress on the Science and Technology of Iron-making would be a new success.

Since the end of the 20th century, the world steel industry has stepped into a new stage of rapid growth, which might be the second leap forward in the history of world steel industry, and would be lasting in the first two decades of the 21st century. The rapid growth of steel industry has been resulted from accelerating economic development worldwide, which is demanding steel industry to afford more and better steel products. In the 21st century, therefore, the steel industry worldwide must aim at greater efficiency, higher productivity, better quality, and more economical utilization of natural resources, that takes into account the need for sustainable development. The task confronting us now is to supporting the development of world economy and to ensure emission control releasing the impact on global environment.

The International Congress on Science and Technology of Iron-making has been consistently providing an excellent venue to discuss and find solutions for iron-making industry to the global problem. The Fifth Congress ICSTI' 09 will provide another valuable opportunity for ideas exchanging on the issues described above, and for reaching the common understanding for the healthy development of steel industry.

Scope

1. The Preparation and Handling of Raw Materials
 - 1.1 The New Technology and Development of Sintering, Pellet and Coking Processes and Facilities
 - 1.2 Recycling for the Dust, Sludge and Other Residues from Steel Industry
 - 1.3 New Resources for Iron-making
2. Blast Furnace
 - 2.1 Basic Study for Blast Furnace Process
 - 2.2 Coke Rate Reduction
 - 2.3 New Approaches for PCI and Alternative Fuels Injection
 - 2.4 The Innovation of Hot Blast Stove
 - 2.5 Oxygen Enrichment
 - 2.6 Prolongation of Blast Furnace Campaign, Construction and Reconstruction
 - 2.7 New Pre-treatment Technology for Hot Metal
 - 2.8 Blast Furnace Performance Improvement
 - 2.9 New Developments of Blast Furnace iron-making
3. Alternative Ironmaking
 - 3.1 The Innovation of Direct Reduction Processes
 - 3.2 New Development and Approach for Smelting Reduction Processes and Facilities
4. Fundamentals and Common Issues
 - 4.1 Fundamental research
 - 4.2 Modeling and Simulation
 - 4.3 Process Automation and Continuation
 - 4.4 Energy Saving and Recycling Technology
 - 4.5 Economical Evaluation for different Iron-making Processes
 - 4.6 Environmental Technology

Congress Chairman

ZHANG Shourong—Member of Chinese Academy of Engineering, Wuhan Iron and Steel Corp.

Exhibition

An exhibition will take place. Further details are available by the reply form or contacting the conference secretariat.

Venue

The Congress will take place in Shanghai which is known as the "Oriental Pearl" to attract many visitors every year.

Abstract submission

Abstract submission should be made through the ICSTI' 09 website or email by icsti@csm.org.cn.

Schedule

Oct.19, 2009 Registration
Oct. 20–22, 2009 Meeting
Oct. 23, 2009 Technical visit

Official Language

Official language for the congress is English.