
CONFERENCE ANNOUNCEMENTS

Second Circular/Call for papers

Ninth International Conference on Molten Slags, Fluxes and Salts

(MOLTEN12)

Beijing, China

May 27-30, 2012



Organized by
The Chinese Society for Metals



General Information

In this Second Circular, we invite you the second time to attend the Ninth International Conference on Molten Slags, Fluxes and Salts (MOLTEN12), which will be held on 27-30 May 2012, in Beijing, China. We are very happy to have you informed that the conference has received a highly positive response. Our colleagues involving many world-leading scientists have shown their interests in participating in the conference and making their contribution towards the success of MOLTEN12. The conference even received some earlier submitted abstracts in 2010! We would like to appreciate all these supports.

The topics of technique program of the conference can be found elsewhere on the first and this Second Circular of MOLTEN12. The main emphasis will fall in the fields, the physical and thermodynamic properties of ionic melts, measurements, modeling, and applications. As known, the attention to the above mentioned areas could be due to the close relation of the properties of molten slags with the refining of a variety of clean steel grades, and due to the close link of electrical properties of molten salts with various non-ferrous metals processing. The attention will also be focused on fundamentals and applications regarding the metal recovery, the utilization and recycle of by-products and wastes from metallurgical processes. The conference will hold discussion on the feasibilities and perspectives for some newer, low carbon technologies.

I herewith would like to remind you to notice that in the Second Circular there are two major changes, which we have to make. The first one is that the deadline for full manuscripts submission will be on January 31, 2012, about 45 days earlier than that in the First Circular. The second is that the English word number in an abstract has been increased from 200 to 300 ~500.

We again invite you to join us in Beijing and look forward to welcoming you for a successful conference.



Kuo-Chih Chou
Chairman of MOLTEN12
Professor and Member of Chinese Academy of Sciences Organization Structure

Organization Structure

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Member of Chinese
Academy of Engineering



Prof. Shoukun
Member of Chinese
Academy of Sciences



WEI Prof. Ruiyu YIN
Member of Chinese
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Conference Chairman:



Prof. Kuo-Chih CHOU
Member of Chinese Academy of Sciences

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Technical program

Recognized international experts will present plenary lectures on the topics of slags in ferrous metallurgy (ironmaking, steelmaking, and ferroalloys), electrochemical processing in ionic melts, as well as recent trends of development of low carbon technique with the participating of ionic melts. Papers will be presented in parallel sessions over the three days of the conference.

Scope

- Thermodynamic properties and phase diagrams (experimentation, modeling and applications) of ionic melts
- Physical properties (viscosities, thermal diffusivities, and etc) of slags, fluxes and salts
- Slags, fluxes and salts in ferrous and nonferrous metallurgical industry
- Novel applications of slags, fluxes and salts
- Interfacial and process phenomena involving foaming, bubble formation and drainage;
- Fluxes and slags in welding processes;
- Glass properties and their industrial applications
- Refractory properties and performance;
- Refractory erosion and refractory /metal/slag interactions;
- Recycling and further utilization of metallurgical slags;
- Models and their applications in process improvement and optimization;
- New technology development and process improvement;
- Low carbon technology and process development

Call for Papers

Please submit your abstracts in English about 300~500 words to the Conference Secretariat before November 15, 2011 by email: molten12@csm.org.cn. The full manuscript should be submitted by January 31, 2012.

Schedule

May 27, 2012	Registration
May 28-30, 2012	Technical Program
May 31, 2012	Post Technical Visit

Proceedings

All accepted papers will be published in the conference proceedings on CD-ROM. The abstracts will be printed in hard-copy form, and handed out to all participants upon registration.

Language

The working language of the conference will be English. English to Chinese simultaneous interpretation will be provided at the plenary session.

Registration fee:

	On or before April 15, 2012	After April 15, 2012
Registration fee	USD 800/person	USD 850/person

Note: The accepted papers will be presented in the Conference only if the registration fee is paid before April 15, 2012.

Exhibition and Workshop

An exhibition and workshop will be held at the same place and time with the conference. Companies are welcome to demonstrate their products, equipment, new technologies and manufacturing processes. If you would like to join the exhibition or workshop, please fill in the registration form and send it to us before February 29, 2012.

Post technical visits

Technical visits to universities, research institutes in the fields of ferrous, and non-ferrous metallurgy, as well as high temperature process science in Beijing can be arranged for delegates on May 31, 2012. If there is sufficient interest, technical tours to selected plants of iron and steelmaking will be arranged.

Important dates

Second Circular and final call for papers:	April 15, 2011
Third Circular and final call for papers	November, 2011
Deadline for abstracts submission:	November 15, 2011
Deadline for full papers submission:	January 31, 2012
Deadline for Exhibition, Workshop and Technical visit registration	February 29, 2012
Deadline for author's registration:	March 25, 2012

Conference Secretariat

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Pre-registration Form

Please complete this Form by printed letter to the Conference Secretariat by fax:
+86-10-65124122, Tel: +86-10-65211206, E-mail: molten12@csm.org.cn

Last Name: _____ First Name: _____

Position: _____ Affiliation: _____

Mailing Address: _____

Post Code: _____

City/State: _____ Country: _____

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- I intend to present a paper
- I am interested in attending the conference
- I would like to get future information
- I wish to exhibit
- I wish to have a workshop
- I plan to take part in the post technical visit