Conference Secretariat  
ASSOCIAZIONE ITALIANA DI METALLURGIA  
P.le Rodolfo Marondi 2  
20121 Milan, Italy  
Phone: +39 02.7602.1132  
or +39 02.7639.7770  
Fax +39 02.7602.0551  
e-mail: aim@aimnet.it  
Conference website: www.aimnet.it/eaf2009.htm

Conference INNOVATION IN EAF AND STEELMAKING PROCESSES  
Milan - Italy  
27-28 May 2009

Organising Committee  
Federica Bassani - AIM - Associazione Italiana di Metallurgia  
Mauro Blanci Ferr - Tenova  
Giovanni Cozzi - Consultant Engineer  
Carlo Mapelli - Politecnico di Milano  
Walter Nicodemi - AIM - Associazione Italiana di Metallurgia  
Gabriele Rampinini - Forgiatura A. Vienna  
Pietro RavoneBi - TenarisSulimine  
Romano Sellan - Danieli Centro Met  
Luigi Zampetti - CSM - Centro Sviluppo Materiali

Introduction  
Following the previous workshops of the same series (“Fast Furnaces” in ‘94, “Innovative Furnaces” in ‘97, “EAF Injection Technologies” in 2001 and “EAF: future trends” in 2006), the Steelmaking and Plastic Deformation Study Groups of the Italian Association of Metallurgy (AIM) organise in Milan the 5th Conference on the Electric Arc Furnace (EAF), with focus on technological development in EAF melting processes. The 2009 Conference aims at identifying the future guideline trend in melting technologies and steelmaking processes, in order to achieve the synthesis of maximum equipment efficiency, the reduction of transformation costs and decrease the environmental impact.

Today, only the most competitive melting units can play in the global market from a prominent position. This implies a continuous effort in research and development in several scientific and technological areas such as automation, equipment, power supply, process metallurgy and environmental issues. The usual one-day format of the event will be changed, in order to cover a wider range of topics.

Advanced programme  

Conference Venuer:  
The Conference will be held in Milan, at the Centro Congressi (Stazione Termini - Piazza R. Morandi 2 - near Piazza Cavour (underground: line 3 yellow - Termini station).

Language:  
The official language of the Conference will be English.

Proceedings:  
The full text of the accepted papers will be published in the CD-Rom proceedings and issued to attendees on arrival at the Conference.

Conference Dinner  
On the evening of 27 May 2009, at 19:30 a Conference dinner will be served at the "Hotel Jolly Touring", in Via U.Tarchetti 2, Milan

Registration Information  
REGISTRATION FEES (Before May 4, 2009)  
- ADM Member Euro 300.00 (revenue stamp included)  
- No Member Euro 410.00 (revenue stamp included)  
- ADM Junior Members free  
- Students* Euro 150.00 (revenue stamp included)  
- Accompanying persons Euro 72 (VAT included)  
- (Includes only Conference Dinner)

After May 4, 2009 the above rates will be subject to an extra charge of euro 100. Registration fees include admittance to technical sessions, conference fee, CD-Rom proceedings, conference dinner, two lunches and coffee breaks. For non-members the fee includes ADM Membership for the last semester of 2009 and for the year 2010. Cumulative registrations for over 3 attendees from the same company will entitle a discount of 15% of the total amount. Cumulative registration should be sent together.

* Students have to provide valid proof of student status. Standard Student rate includes access to technical sessions, Conference bag with CD Rom proceedings, lunches and coffee breaks. The fee includes ADM Junior Membership for the last semester 2009 and for the year 2010. It does not include conference dinner.

Payment And Remittance:  

- by bank transfer, to the order of Associazione Italiana di Metallurgia - ADM at “Banca Popolare Commercio e Industria”, Branch no. 2 - Milan, account no. 000000002325/umo (IBAN: IT72L05048016020000000002325,swift code POCITIMM02)
- by credit card Visa, Carta Sì, and Mastercard cards online (www.aimnet.it) or by American Express, Diners cards, and cash at the registration desk in Milan.

Speakers Registration:  
Speakers are required to register and pay the conference fee not later than April 10, 2009. Otherwise the paper will be removed from the Proceedings. Registration forms will not be processed without payment. A maximum of two papers will be considered for each author registered in time.

Advanced Registration:  
If you plan to attend, please download the Registration Form on the conference website www.aimnet.it/eaf2009.htm or fill in the enclosed Registration Form and send it to the Organising Secretariat at your earliest convenience, but not later than May 4, 2009. After May 4, 2009 the registration fees will be subject to an extra charge of 100 €. Please use a separate form for each attendees. Photocopies can be used. Please contact the Organising Secretariat at fax or e-mail, if possible.

Cancellation And Refund Policy:  
A refund, less 20% deduction for administrative costs, will be issued for written cancellations received by May 15, 2009. For attendees who notify their cancellation after May 15, 2009 or will not attend the conference, a charge of 100% of the conference fee will be withheld and a copy of the proceedings will be sent after the event.

Insurance:  
The Organising Secretariat assumes no responsibility for personal accident, loss or damage to the private property of attendees and accompanying persons, which may either occur during or arise from the conference. Attendees should therefore take whatever steps they consider necessary as regards insurance.
14.00 The SIMELT foaming slag manager in operation at CHAIRMAN: Siemens VAI MT, Marotta, Italy
12.30 One Bucket charging FastArcTM EAF in Jacksonville
12.00 Achieving the maximum benefit from electrode spray cooling
11.30 Improvement of EAF efficiency through an integrated control of ENERGIRON Technology - Flexible, energy-efficient and M. Hein, A. Pezza, M. Abel - economical approaches for high quality EAF steelmaking
9.30 CHAIRMAN:
From 15.00 to 17.00, all attendees will be able to register at thesiemens VAI MT, Meitingen, Germany
Lechstahlwerke GmbH, Meitingen, Germany and its practical results
M. BIANCHI FERRI - Danieli Centro Met, Buttrio, Italy
D. Patrizio, M. Orsini
Canada
F. Wheeler, Y. Gordon, S. Broek, I. Cameron
steelmaking technology
- Tenova HYL, Monterrey, Mexico
T. Scarnati
- Danieli & C., Buttrio, Italy
A. Martinis
R. Pancaldi
economical approaches for high quality EAF steelmaking
- Siemens VAI MT, Marnate, Italy
G. COZZI
- Siemens VAI Metals Technologies, Willstätt, Germany
Siemens VAI, Marnate, Italy
A. Pezza, M. Abel, M. Hein
15.00 Improvements in EAF by using a smart refractory system;
capital key holes
K. Badi, M. Kirsch, C. Rahm, J. Cappel - RHT AG, Vienna, Austria
13.00 Lunch
15.30 Mass and heat balance modeling for electric arc furnace and ladle furnace system in steady state processes
G. Stratelli, A. Gabo, L. Llabàscel - Università di Trento, Italy
16.00 Application of CFD at EAF process simulation
E. Maffi, L. Crippa, F. Prittula, M. Scattura - Centro Sviluppo Materiali S.p.A, Dalmine, Italy
16.30 END OF CONFERENCE