



ROLLING

9th International ROLLING Conference
&
6th European ROLLING Conference

2013

Venice (Italy)
June 10-12, 2013

First Announcement and Call for Papers

Organised by



**ASSOCIAZIONE ITALIANA
DI METALLURGIA
AIM, Italy**

Main sponsor



www.aimnet.it/rolling2013.htm



Scope

The 9th International Rolling Conference and the 6th European Rolling Conference will be jointly organized by AIM, the Italian Society for Metallurgy.

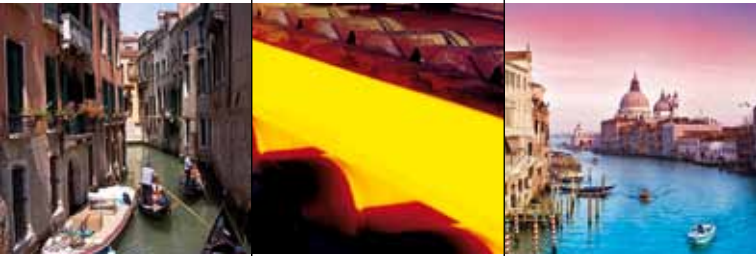
Thanks to a long and successful series, the Rolling conferences have become the premier international event for rolling practitioners worldwide. The target audience embraces the whole metals rolling community: flat and long products rolling, hot and cold rolling and ferrous and non-ferrous rolling. The forum will cover product and process topics, encompassing rolled product properties, quality and applications, in addition to the design, control and management of mill assets.

The Conference will bring together rolling practitioners, steel producers, plant designers and researchers and it will provide a forum for best practices and state-of-the-art technology. It will also take a look at developments in the foreseeable future.

Technical Focus

The Conference will cover topics concerning:

- **New process, technology and facilities for flat products, long products and pipes**
- **Thin slab casting and inline rolling**
- **Strip casting**
- **Thermomechanical processes**
- **Automation, measurements and control technology**
- **Re-heating furnaces**
- **Galvannealing of rolled products**
- **Equipment and maintenance**
- **Mathematical modeling and simulation**
- **Surface modification and steel deep-working**
- **Clean rolling**
- **Advanced products development and application**
- **Health & Safety**



Conference chairman

Ing. Gianpietro Benedetti - *President of Danieli*

Scientific & Steering Committee (to be completed)

Chairman:

Prof. Wolfgang Bleck - *RWTH Aachen, Germany*

Julian Allwood - *University of Cambridge, UK*

Jonathan Ayles - *University of Manchester, UK*

Franco Bonollo - *Università di Padova - Vicenza Campus, Italy*

Chris Davenport - *Innoval Technology, UK*

Luciano Del Pin - *Ferriere Nord, Italy*

Jochem Groot - *Corus Research - Development and Technology, NL*

Magnus Hahlin - *SSAB, Sweden*

Pedro Hernandez Surroca - *Celsa Group, Spain*

Gerhard Hirt - *University of Aachen, Germany*

Yonglin Kang - *CSM, P.R. of China*

Alberto Lisa - *Acciaierie Valbruna, Italy*

Carlo Mapelli - *Politecnico di Milano, Italy*

Gianfranco Marconi - *Danieli, Italy*

Annika Nilsson - *MEFOS, Sweden*

Ari Nikula - *Ruukki, Finland*

Udo Bernardo Pupp - *Gerdau Group, Brasil*

Dierk Raabe - *Max Planck Institut, Germany*

Miroslav Raudensky - *University of Brno, Czech Republic*

Jilt Sietsma - *Delft University of Technology, The Netherlands*

Davor Susic - *ABS, Italy*

Kurt Steinhoff - *University of Kassel, Germany*

Richard Thackeray - *University of Sheffield, UK*

Hui Ren Yu - *Anshan Steel Group, P.R. of China*



Organising Committee

Federica Bassani - *AIM, Italy*

Antonella Donzelli - *AIM, Italy*

Carlo Mapelli - *Politecnico di Milano, Italy*

Paolo Messina - *Danieli, Italy*

Franco Milani - *Siemens VAI, Italy*

Paola Perabò - *ABS, Italy*

Gabriele Rampinini - *Forgiatura A. Vienna, Italy*

Pietro Ravanelli - *TenarisDalmine, Italy*

Background

ERC

1996 Balatonszeplak, Hungary

2000 Västerås, Sweden

2003 Düsseldorf, Germany

2006 Paris, France (jointly with IRC)

2009 London, UK

IRC

1985 Tokyo, Japan

1987 Deauville, France

1990 London, UK

1994 Düsseldorf, Germany

1998 Tokyo, Japan

2002 Orlando, USA

2006 Paris, France (jointly with ERC)

2010 Beijing, China

Call for Papers

All contributions on the theme of the Conference as described previously are welcome.

Prospective authors are invited to submit a tentative title and an abstract of 400 words (in English) **by December 14, 2012** to the Organizing Secretariat. The abstract should provide sufficient information for a fair assessment.

Please do not send full papers, or include any figures, photograph or tables in your abstract.

There are three ways to submit papers:

- to fill in the reply form overleaf and return it to the Organizing Secretariat by e-mail;
 - to fill in the form on the Conference web site at:
<http://www.aimnet.it/rolling2013.htm>;
 - to send the requested information by e-mail to: aim@aimnet.it
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Deadlines

Deadline for submission of abstracts

14 December 2012

Information on Acceptance

4 February 2013

Deadline for Full Paper Submission

12 April 2013

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 schedule

June 9, 2013: Pre-registration

June 10, 2013: Opening session and opening of the exhibition

June 11, 2013: Sessions - social event

June 12, 2013: Sessions

June 13, 2013: Plant visit

Plant visit

A technical visit to ABS - Acciaierie Bertoli Safau will be scheduled on the occasion of the Conference.

ABS is one of the European leading companies in the field of special steel long products covering a wide range of casted, rolled, forged and finished bars of up to 1,000 mm diameter with a production capacity of 1.2 Mtpy of engineering steel.

ABS operates in a sustainable way through a modern plant located in the industrial area of Udine. Among the main features of the plant, which incorporates different production lines in one site, it is worth mentioning: 750-mm dia. continuous bloom casting, in-line bar heat treatment and quality control, up to 168-ton ingot casting and up to 1,000-mm dia. bar forging, heat treatments and downstream finishing services. In addition, enhancing the environment sustainability, an Ecogravel plant transforms EAF slag into an added-value industrial aggregate.

Venue

Venice, "La Serenissima", holds a mystical aura and is one of the most enchanting places in the world. Built on 117 small islands in a lagoon, Venice is a unique blend of water, art and romance with exquisite canals, charming bridges, magnificent palaces and churches, and world famous landmarks rising from the water's surface up to sky. Whether skimming over a cozy canal on a gondola or strolling around its "calle", visiting Venice is a magical experience for everyone. It is a treasure from the artistic and architectural point of view.

The Conference will be held in Venice Mestre mainland, at Hotel Laguna Palace.

Social program

A social program will be designed to give delegates the opportunity to meet informally in a relaxed atmosphere.

Exhibition

As an integral element of the event, ROLLING 2013 will feature an Exhibition that will enable excellent exposure for company products, technologies, innovative solutions or services. At this opportunity the Organizers will set an area strategically located as regards the main Conference rooms. This area will be a focal point of the Conference, so



that enough time will be available to guarantee a perfectly targeted potential customer's environment.

Companies interested in taking part in the Exhibition may contact the Conference Secretariat (e-mail: aim@aimnet.it / fax: +39 02 76020551).

Main Sponsor



Specialized in turnkey projects, leader in minimills and long products, among the front runners in steel production complexes for flat products and tubes, Danieli is a major player in the steel plant supply, worldwide.

Innovative technology, process know-how, design and manufacturing carried out through fully-owned centers that guarantee product quality and on-time deliveries, make Danieli a reliable partner.

Main figures:

9,000 people operate in the Group companies located in Italy, Germany, Sweden, Austria, France, The Netherlands, Spain, UK, USA, Brasil, Russia, Thailand, China, India and Japan. Average turnover is over 2,000 M Euro. Investments in R&D account to 140 M Euro per year (average in the last 5 years).

Sponsorship opportunities

Other companies will be able to reinforce their participation and enhance their corporate identification by taking advantage of benefits offered to them as Contributing Sponsors of the Conference.

The detailed sponsorship packages will be available by June 2012.

Companies interested in sponsoring the event are kindly requested to send an email to the Conference secretariat (e-mail: aim@aimnet.it / fax: +39 02 76020551).

Updated information on sponsorship opportunities will be available on the conference website www.aimnet.it/rolling2013.htm

Cooperating organizations

- Austrian Society for Metallurgy and Materials
 - Brazilian Metals and Materials Association
 - Centro Nacional de Investigaciones Metalúrgicas
 - Centre de Recherches Métallurgiques
 - The Chinese Society for Metals
 - Croatian Metallurgical Society
 - Czech Steel Federation
 - DVM, German Association for Materials Research and Testing
 - Fédération Française de l'Acier
 - Hungarian Mining & Metallurgical Society
 - The Institute of Materials, Minerals and Mining
 - International Stainless Steel Forum
 - The Iron and Steel Institute of Japan
 - Jernkontoret
 - The Minerals, Metals & Materials Society
 - Société Française de Métallurgie et de Matériaux
 - Steel Institute VDEh
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Family name

First name

Company/organisation

Position within the company/organization

Mailing Address

Zip Code

Town

Country

Phone

Fax

E-Mail

- I wish to receive all subsequent circulars
- I wish to receive information on Conference sponsorship opportunities
- I wish to receive information on the Exhibition
- I plan to submit a paper - preference for: oral presentation
 poster presentation

Authors:

Title:

Topics keywords:

Abstract: a 400 words abstract, must be included.

Date

Signature

ROLLING 2013 Organizing Secretariat
ASSOCIAZIONE ITALIANA DI METALLURGIA
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Contacts

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Associazione Italiana di Metallurgia

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We are looking forward to welcoming you in Venice

Organised by



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