

►►► Scientific Program Committee

- Bruno Buchmayr, Montanuniversität Leoben, Austria
- Carl-Åke Däcker, Swera KIMAB, Stockholm, Sweden
- Hans-Peter Fauland, Böhler Edelstahlwerke GmbH, Kapfenberg, Austria
- Rolf Gerling, Germany
- Gerhard Hirt, RWTH University, Germany
- Jean-Luc Jacquot, Fédération Française de L'Acier (FFA), France
- Carlo Mapelli, Politechnico di Milano, Italy
- Walter Nicodemi, Associazione Italiana di Metallurgia (AIM), Italy
- Pál Tardy, Association of the Hungarian Steel Industry, Budapest, Hungary

►►► ICRF 2012 for Exhibitors and Sponsors

As plant manufacturer and supplier, you are most invited also to participate actively in the conference. More than 400 experts in ingot casting, rolling and forging are expected. It is planned to organise an exhibition with trade fair character beside the conference. The exhibition area will be located directly beside the congress. Coffee and refreshments will be served during breaks in the exhibition hall to maximise visits to stands. The congress will offer an excellent opportunity to do business and maintain key contacts with customers and suppliers. ICRF 2012: a unique platform to promote new products, outline services and highlight key achievements.

►►► Exhibition Modules

The exhibition will offer stand modules of minimum 8 m² (of course larger booths will be available).

►►► Sponsors Packages

Attractive sponsorship packages will be available also.

►►► Contact for Sponsors and Exhibitors

The detailed sponsors and exhibitors packages to attract interest in your company, products and services will be available by the fourth quarter of 2011. Companies interested in the exhibition or in becoming a sponsor are kindly requested to visit the website www.icrf2012.com or to send an e-mail to the congress secretariat (icrf@tema.de).

◀◀◀ www.ICRF2012.com ►►►

Host

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If you are interested in becoming a participant, an exhibitor, a sponsor or a speaker of the ICRF 2012, please fill out the online form (keep me informed) at: www.icrf2012.com or contact directly the congress secretariat:

Congress Secretariat Organisation

TEMA Technologie Marketing AG
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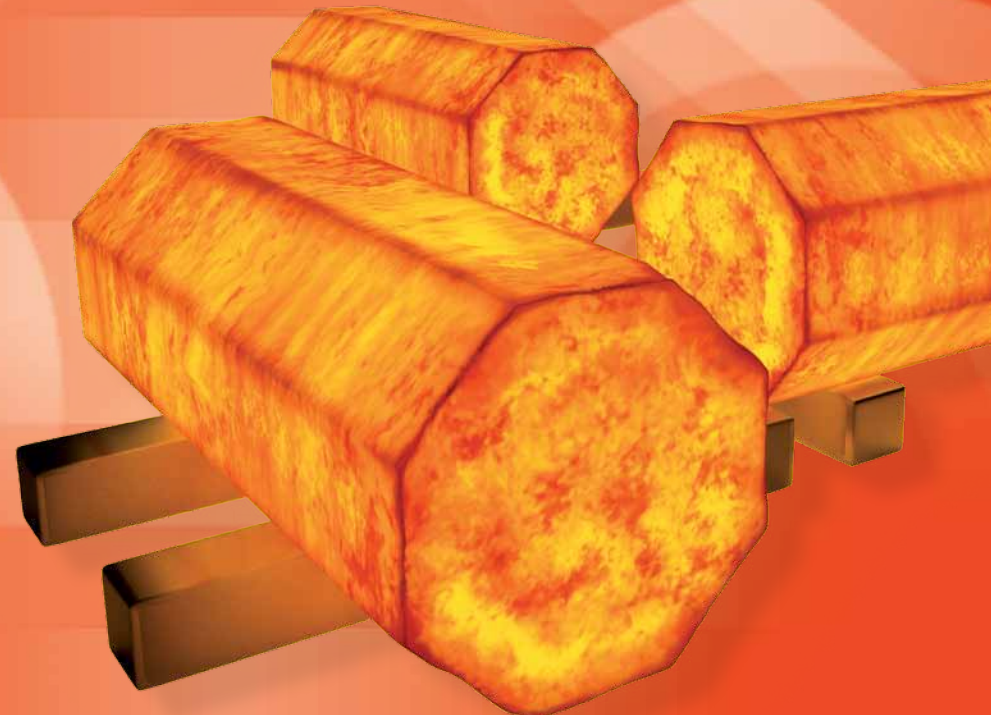
Congress Venue

Eurogress Aachen
Monheimsallee 62
52062 Aachen
Germany
www.eurogress-aachen.de

**1st International Conference on
Ingot Casting, Rolling and Forging**

**3-7 June
2012**

**Aachen
Germany
Eurogress**



1st Announcement

▶▶▶ Background

With a worldwide share of 8 % in casted steel semis, ingot casting plays an indispensable role for production of specialty steels. Subsequent forming is performed either by rolling or by forging. The 1st International Conference on Ingot Casting, Rolling and Forging aims to open a dialog regarding the state-of-the-art in ingot casting and remelting on the one hand and the requirements of the rolling and forging works on the other. Technological trends and development needs will become visible. Therefore the target group of the conference are steel producers as well as customers, suppliers and research institutes.

▶▶▶ Scope and Topics

The conference addresses a wide range of experts, coming from plant operation, plant supply, refractory industry, casting and cover fluxes production, machine construction, research and even consumers from aviation and power engine production, who share expertise in

- Metallurgy of ingot casting
- Ingots and moulds
- Casting technology
- Additives for ingot casting
- Remelted ingots
- Rolling and forging of ingots
- Heat treatment
- Measurement and testing
- Production scheduling
- Environment, energy, emissions
- Simulation

The conference will provide a forum for best practice and state-of-the-art technology. It will also take a look at developments in the foreseeable future.

More than 400 attendees are expected. An important exhibition area will bring together key equipment suppliers for ingot casting, rolling and forging works.

▶▶▶ Technical Program

The conference will provide a forum to present the technical possibilities of the ingot casting production from conventional ingot casting to the remelting processes like ESR, PESR, BEST, VAR and VIM for highest steel cleanliness. On the other hand, the rolling and forging works are invited to formulate current and future tasks for the steel makers and to present new developments in forming technology, simulation and testing.

Joint sessions, at the beginning and at the end of the congress, will deal with common topics, such as general papers, keynote addresses, general situation at the present time, future prospects and innovation in the 21st century.

▶▶▶ Location

Aachen is located in the corner of Germany, Belgium and the Netherlands, with important ingot casting, rolling and forging works in the vicinity. The origins of the town date back to the Romans and still today many historical sites can be found. Aachen is easy accessible by car and railway. Airports near by are Düsseldorf and Cologne. But also Frankfurt or even Brussels are connected excellently by high speed trains. Taking this into account, the ICRF 2012 in Aachen is guaranteed to become an impressive event.

▶▶▶ Plant Visits

Day visits to ingot casting and rolling/forging plants in the wider Aachen area will be planned and arranged on Thursday 7 June 2012. All necessary details will be given later.

▶▶▶ Social Event

On Tuesday 5 June 2012, a congress dinner in the coronation hall of Charles the Great in the medieval town-hall of Aachen will offer an informal relaxing networking opportunity.

▶▶▶ Congress Language – Proceedings

English will be the official language of the congress. The full text of all papers including tables and figures will be published and distributed to delegates during the congress as CD-ROM.

▶▶▶ Summarized Preliminary Timetable

3 June - 7 June 2012

Sunday	Early Congress registration Get-together	Exhibition
Monday	Opening / plenary session Technical sessions	
Tuesday	Technical sessions Social event	
Wednesday	Technical sessions Closing remarks	
Thursday	Plant visits	

▶▶▶ Technical Focus

Covering metallurgy of ingot casting, rolling and forging, heat treatment and measurement and testing, the conference will address following topics in detail:

Ingot casting

- Ingots and moulds design
- Internal ingot structure and ingot surface
- Production lines for blooms for forging
- Production lines for blooms for rolling
- Heavy slab ingots
- Production lines for remelting ingots (ESR, PESR, BEST, VAR, VIM)
- Mechanisation of ingot casting
- Finishing
- Testing technology (cleanliness, gas content, surface quality)
- Refractories developments
- Developments in casting additives

Rolling and Forging

- Finishing
- Long forging machines
- Ring rolling
- Open die forging
- Pre-heating processes
- Work-hardening
- Heat treatment / hardening
- Through-process modelling

▶▶▶ Conference Chairman

Karl Haase, Deutsche Edelstahlwerke GmbH, Germany

▶▶▶ Organizing Committee

- Hans-Peter Jung, Chairman of VDEh Technical Committee Ingot Casting, Deutsche Edelstahlwerke GmbH, Siegen, Germany
- Jürgen Eisenkolb, Dresden, Germany
- Paul Josef Mauk, Chairman of VDEh Long Product Rolling Committee, Universität Duisburg Essen, Germany
- Ralf Rech, Chairman of VDEh Open Die Forging Committee, Buderus Edelstahl GmbH, Wetzlar, Germany
- Reinhard Fandrich, Steel Institute VDEh, Düsseldorf, Germany
- Ulrike Stellmacher, Steel Institute VDEh, Düsseldorf, Germany
- Grant Mahmutovic, TEMA AG, Aachen, Germany