

12th INTERNATIONAL FOUNDRY TRADE FAIR with WFO TECHNICAL FORUM – GIFA 2011

June 28 – July 2, 2011
Düsseldorf, GERMANY

INVITATION

The 12th INTERNATIONAL FOUNDRY TRADE FAIR (GIFA) will take place in Düsseldorf between 28 June and 02 July 2011. And, once again, you can use the top location of the most important trade fair for foundry technology in the world to optimally position your company.

Size, competence and rating by visitors and exhibitors had all already received top marks in 2007. The GIFA was the platform for excellent Business activities and is the indicator for the innovations which will orientate the future - and all this against the background of impressive facts and figures.

Also in 2011, we are inviting you to come and convince, with your innovative technologies at the epicenter of the foundry industry, a high caliber and investment inclined trade audience.

GIFA - the INTERNATIONAL FOUNDRY TRADE FAIR - will be giving a comprehensive insight into foundry technology issues in more than five different halls. In addition to registrations by the big players from the industry, Messe Düsseldorf has also been noting increased interest from companies that will be participating in the trade fair for the first time next year.

An extensive, attractive side programme with numerous seminars and trade symposia, special shows and technical forums as well as international congresses and lecture series is being organised again for the four metal trade fairs in 2011. Great interest is already being shown here too: there is tremendous demand for the METEC Congress and the European Metallurgical Conference (EMC), for example.

Trade visitors will be able to buy their ticket to GIFA, METEC, THERMPROCESS and NEWCAST online from the spring of 2011 onwards. Companies that would like to present their products and services in the context of the "BRIGHT WORLD OF METALS" will find all the registration documents they need in the exhibitor section of the individual websites. www.gmtn.de and/or www.gifa.de, www.metec.de, www.thermprocess.de and www.newcast.de also provide up-to-the-minute news about the trade fairs as well as the latest information from the industry.

THE BRIGHT WORLD OF METALS. TECHNOLOGIES - PROCESSES - APPLICATIONS - PRODUCTS



Foundry technology remains a cornerstone of industrial activity, and the last staging of GIFA in 2007 once again proved its high innovation potential and efficiency against a background of increasing demands in terms of quality, flexibility, cost management, environment and links with modern technologies.

In light of current economic uncertainties, export business is now playing an ever more important role in the industry's development and survival. As the global No.1 event, GIFA 2011 will provide a complete overview of advances in the foundry practice. Düsseldorf will again be the venue for the world's leading manufacturers of foundry machinery and plant construction, suppliers of foundry-related materials and auxiliaries, manufacturers of measurement and testing devices for quality assurance, plus engineering companies.

METEC (8th International Metallurgical Technology Trade Fair with Congress), THERMPROCESS (10th International Trade Fair and Symposium for Thermo Process Technology), and NEWCAST (3rd International Castings Trade Fair with Forum) will again be staged parallel to GIFA 2011.

ANCILLARY PROGRAMME

- ❖ THERMPROCESS SYMPOSIUM
- ❖ EUROPEAN METALLURGICAL CONFERENCE 2011
- ❖ METEC InSteelCon 2011
- ❖ 4th CONFERENCE REFRACTORY AND CHIMNEY ENGINEERING
- ❖ NEWCAST - 3rd INTERNATIONAL TRADE FAIR FOR PRECISION CASTINGS

THERMPROCESS SYMPOSIUM



The international trade fair THERMPROCESS takes place from June 28 to July 02, 2011 in Düsseldorf. As in the previous exhibition years, the accompanying THERMPROCESS Symposium will be held from June 29 to July 01, 2011.

The VDMA Thermo Process Technology Association is the ideal supporter of THERMPROCESS as well as host and organizer of the Symposium. GIFA, METEC and NEWCAST are being held concurrently to THERMPROCESS.

The Symposium will take place in Hall 9 of Messe Düsseldorf. Participation is free of charge for visitors of the four trade fairs so that even a short-term attendance is possible. In addition, each participant will receive a CD-ROM containing all lectures.

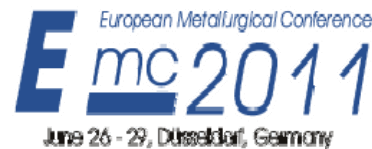
The THERMPROCESS Symposium focuses on enhancements and up-to-date technical expertise throughout the branch, being presented by expert technicians. Visitors from all over the world will thus get the opportunity to gather information on the industry and the latest developments while visiting the trade fair. This year, main topics of the THERMPROCESS Symposium are:

- Energy efficiency of thermo process plants
- Heating and burner technology
- Special processes, components and applications
- Cooling, chilling, heat recovery

The lectures will be held in German or English language.

Further information can be found at www.vdma.org/thermoprocessing

EUROPEAN METALLURGICAL CONFERENCE 2011



The 6th international European Metallurgical Conference, EMC 2011, will be held in Düsseldorf at the Congress Center Düsseldorf (CCD) in June 2011.

Organized by the GDMB, the German Society for Mining, Metallurgy, Resource and Environmental Technology, the conference will be focused on the efficiency improvements for resources and energy in the non-ferrous industry

based on the primary and recycling metals industry.

The increasing energy costs, the more complex resources and scraps leads to the point, that the new as well as the existing material and energy flows has to be optimized or new designed. Therefore the process efficiencies and the energy recoveries and savings are the major topics of this conference.

These themes are quiet interesting for the metals-producer, equipment manufactures, engineering companies and consulting business and manufacturers of heat and energy system.

Over three days EMC 2011 will deal with the following topics:

- ❖ 01 COPPER
- ❖ 02 ZINC AND LEAD
- ❖ 03 LIGHT METALS
- ❖ 04 SUSTAINABLE TECHNOLOGIES / SUSTAINABILITY OF NON-FERROUS METALS PRODUCTION
- ❖ 05 PRECIOUS METALS
- ❖ 06 GENERAL HYDROMETALLURGY
- ❖ 07 GENERAL PYROMETALLURGY / VESSEL INTEGRITY / PROCESS GAS TREATMENT
- ❖ 08 RECYCLING / WASTE TREATMENT AND PREVENTION
- ❖ 09 WASTE EFFLUENT TREATMENT / BIOHYDROMETALLURGICAL APPLICATIONS
- ❖ 10 PROCESS CONTROL / PROCESS MODELLING
- ❖ 11 PHYSICAL METALLURGY / PROCESS FUNDAMENTALS
- ❖ POSTERS

There will be a dedicated poster session, at which each of the presenters will have the opportunity to outline the topic of their poster during a short time of approximately five minutes. The posters will also be displayed during the entire period of the venue, enabling further direct contacts with the conference delegates. In order to promote the presentation of posters, the Organizing Committee has decided to provide a money award to the best poster, the amount of which will be communicated in the next EMC 2011 circular and on the EMC web page. Selection of the best poster will be done by members of the Scientific Committee.

METEC InSteelCon 2011



All new developments from the world of steel, at a single time and place - that is the reach of METEC InSteelCon 2011. It unites four international conferences under one roof: the 6th EUROPEAN COKE AND IRONMAKING CONGRESS (ECIC), the 7th EUROPEAN CONTINUOUS CASTING CONFERENCE (ECCC), the 4th INTERNATIONAL CONFERENCE ON MODELLING AND SIMULATION OF METALLURGICAL PROCESSES IN STEELMAKING (STEELSIM) and the 1st INTERNATIONAL CONFERENCE ON ENERGY EFFICIENCY AND CO₂ REDUCTION IN THE STEEL INDUSTRY (EECRsteel).

These events take place as accompanying congresses and conferences to the leading metallurgical trade fair METEC and the trade fairs GIFA, THERMPROCESS and NEWCAST. More than 70,000 visitors are expected.

THE 6th EUROPEAN COKE AND IRONMAKING CONGRESS 2011



ECIC
6th European Coke and
Ironmaking Congress

Following the success of two independent congresses - the INTERNATIONAL COKEMAKING CONGRESS (ICMC) and the EUROPEAN IRONMAKING CONGRESS (EIC) - the EUROPEAN COKE AND IRONMAKING CONGRESS (ECIC) will seamlessly combine both worlds of coke and ironmaking. After taking place in Aachen (1st EIC 1986), Essen (1st ICMC 1987), Glasgow (2nd EIC 1991), London (2nd ICMC 1992), Gent (3rd ECIC 1996), Paris (4th ECIC 2000) and Stockholm (5th ECIC 2005), now Düsseldorf will be the location of this outstanding event.

<http://www.ecic2011.com/>

THE 7th EUROPEAN CONTINUOUS CASTING CONFERENCE



ECCC
7th European Continuous
Casting Conference

The 7th EUROPEAN CONFERENCE ON CONTINUOUS CASTING (ECCC 2011) continues the tradition of the successful series of events which were organised in Florence (1990), Düsseldorf (1994), Madrid (1998), Birmingham (2002), Nice (2005) and Riccione (2008). Now Düsseldorf will again be the location of this outstanding event.

<http://www.eccc2011.com/>

THE 4th INTERNATIONAL CONFERENCE ON MODELLING AND SIMULATION OF METALLURGICAL PROCESSES IN STEELMAKING



STEELSIM
4th International Conference on Modelling
and Simulation of Metallurgical
Processes in Steelmaking

Modelling and Simulation of metallurgical processes has gained large significance in the continual efforts to optimise technological processes, reduce production costs and increase steel quality.

At relatively low cost, physical and numerical modelling may be employed to effectively analyse the fundamentals of the metallurgical processes as well as to visualise them. Use of modern computer technology simulating the technological conditions present in the metallurgical processes is necessary to guarantee significant progress in this field.

<http://www.steelssim2011.com/>

THE 1st ENERGY EFFICIENCY AND CO₂ REDUCTION IN THE STEEL INDUSTRY



EECRsteel
1st International Conference on Energy
Efficiency and CO₂ Reduction in the
Steel Industry

The steel branch plays an important role in global industrial energy consumption and CO₂ emissions. Because of the dynamic growth of energy prices and the commitment of governments to decrease CO₂ emissions, the reduction of specific energy consumption is a top priority for steel companies.

The objective of the 1st INTERNATIONAL CONFERENCE AND EXHIBITION ON ENERGY EFFICIENCY AND CO₂ REDUCTION IN THE STEEL INDUSTRY (EECRsteel 2011) is to provide an overview on state-of-the-art developments in progress, latest results and outlook on this important issue.

<http://www.eecr2011.com/>

METEC InSteelCon 2011 conferences and congresses offer participants a uniquely varied program with practice-oriented presentations on iron and steel production, the latest technologies in coke, sinter, pellet, hot metal, DRI production as well as continuous casting, energy efficiency, CO₂ reduction, modelling and simulation. By registering for METEC InSteelCon 2011, participants have the opportunity to visit all four leading trade fairs: METEC, GIFA, THERMPROCESS and NEWCAST.

THE 4th CONFERENCE REFRACTORY AND CHIMNEY ENGINEERING

Sessions:

- RESEARCH AND DEVELOPMENT
- NEW MATERIAL DEVELOPMENTS AND APPLICATION SECTORS
- NEW IN CONSTRUCTION AND DESIGN
- CURRENT TOPICS

NEWCAST - 3rd INTERNATIONAL TRADE FAIR FOR PRECISION CASTINGS



NEWCAST is an international trade exhibition for cast products, iron castings and steel castings, where designers, production managers and buyers can inform themselves about the latest technical developments in castings and metal parts. The scope of NEWCAST is not only to cast products but will include with the NEWPART INNOVATION PARK also forged and sintered parts. The fair is accompanied by NEWCAST FORUM as well as an extensive program with seminars and conferences. NEWCAST is held together with the technology fairs GIFA (foundry technique), METEC (metallurgy) and THERMPROCESS (thermal processes).

EVENT PROFILE



Organizing by Messe Dusseldorf GmbH, the GIFA Germany is a renowned foundry trade fair. Held at Dusseldorf Exhibition Centre, Nordrhein-Westfalen, Germany, it is 5 days event which will offer a pivotal base for fostering relations across the world.

Profile for exhibit include foundry technology, raw materials, auxiliary materials, die casting technology, process materials, machining & processing technology, foundry chemistry, measuring, controlling, regulating technology, data communication, environment & safety technology, industrial safety etc.

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