21st International Conference on Metallurgy and Materials

1st ANNOUNCEMENT & CALL FOR PAPERS
May 23rd - 25th 2012
Hotel Voronez I, Brno, Czech Republic, EU

TANGER Ltd.
VSB - Technical University
Czech Society for New Materials and Technologies
Engineering Academy of the Czech Republic
ASM International Czech Chapter

Materials Research Society of Serbia
Sociedade Portuguesa de Materiais
Austrian Society for Metallurgy and Materials
Norsk Materialteknisk Selskap
Associazione Italiana di Metallurgia
Societe Francaise de Metallurgie et de Materiaux
CONFERENCE SCOPE

21st International Metallurgical and Materials Conference is a traditional meeting of metallurgists, material engineers, managers and other participants. The conference is organized in plenary session, 6 symposia, poster session, accompanying workshops and exhibition, where you can access the latest technological information and exchange experience and opinions with other experts from Europe, Middle East, Asia, Africa, South America and US. The conference is organized by the company TANGER Ltd. with a cooperation of VSB-TU Ostrava, CSNMT and ASM International Czech Chapter.

TOPICS

PLENARY SESSION

- Role of metallurgy and materials in the early 21st century. May 23rd 2012 from 10:00 till 12:00

SYMPOSIUM Advanced Iron and Steelmaking

- Worldwide development of raw material base for the production of pig iron and steel in recent years
- New elements in steelmaking and steel casting process control
- Advanced technological and metallurgical techniques in extra-furnace processing of steel
- Physical and numerical modelling of ironmaking and steelmaking processes
- New methods of processing waste and byproducts of pig iron and steelmaking, recycling, wasteless technology

SYMPOSIUM Modern Trends in Surface Engineering

- Corrosion protection of material surface (properties of coats, technology of surface treatment before coating, theoretical issues)
- PVD and CVD technologies, organic coatings, glass and glass-ceramic coatings, electrochemical coating processes, hot-dip coating, ion implantation, plasma coating, etc.
- Properties and application of thin films and nanolayers

SYMPOSIUM Non-Ferrous Metal and Alloys

- Methods of production (preparation) of non-ferrous metals and alloys (smelting, alloying, powder metallurgy, quenching, controlled melting, etc.)
- Properties and use of non-ferrous metals, alloys and compounds (Al, Mg, Cu, Ti, Ni, Nb, etc.)
- High-temperature metallic materials on the non-ferrous metal basis (nickel alloys and superalloys, cobalt alloys, platinum group metals, tungsten and its alloys)

SYMPOSIUM Economics & Management of Metallurgical Production

- Metallurgical production - position in national economy and in globalized economics. Technical - economic development perspective. Forecast of new technological materials competition
- Strategic, tactical and operational management of metallurgical production
- Exact decision-making methods, artificial intelligence methods and simulation techniques in projects focused on management systems in metallurgical production. Modern information technologies.
- Logistical operational management, advanced production planning and scheduling methods, logistics chain in metallurgy
- Marketing analysis and diagnostics in metallurgy and material engineering, forecasting prediction
- Economics and management - recovery of production equipment, economics and supply management systems in processes of metallurgical company
- Investment efficiency and technical development projects in metallurgy
- Financial analysis and controlling - tools for assessment and provision of liquidity, financial stability and profitability of metallurgical company

CONFERENCE SECRETARIAT

Ing. Katerina SANETRNIKOVA
TANGER Ltd., Ostrava
Helena KEMPNA
TANGER Ltd., Ostrava
Eva HULOVÁ
TANGER Ltd., Ostrava
Bohumil NEJEDLY
TANGER Ltd., Ostrava

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VSB-TU Ostrava
Prof. Ing. Miroslav Kursa, CSc.
VSB-TU Ostrava

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VSB-TU Ostrava

INFORM YOUR COLLEAGUES

Just a few clicks and your colleagues will be informed. Quickly and easily. Please click on Inform your Colleagues button in the left menu on the conference website.
GENERAL INFORMATION

Date: May 23rd - 25th 2012
Venue: Hotel Voronez 1, Krizkovskeho 47, Brno, Czech Republic, European Union. It is a city full of beautiful historical monuments.
Language: English

CONFERENCE FEE

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<th>Category</th>
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<tr>
<td>Authors of papers and posters</td>
<td>250 EUR</td>
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<td>Other participants</td>
<td>300 EUR</td>
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<td>PhD. students with papers or posters</td>
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<td>170 EUR</td>
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<td>Publication of paper without attendance</td>
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(The prices are including VAT 20%)

DEADLINES

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<td>Registration</td>
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TRANSPORTATION

Airports - Brno (15 Km), Bratislava (130 Km), Wien (135 Km), Prague (222 Km - distance from the hotel)
Bus & Train - www.idos.cz
Local bus - line 44,84 from the railway station to the hotel
Car - maps.google.com (use Route planner)

ACCOMMODATION

Please book and pay for your accommodation via the conference registration system. Booking deadline: April 30th 2012. The OREA Hotel Voronez I*** and II*** are situated in the close vicinity of the Brno Fairgrounds. The hotel offers high standard in 368 rooms, suites and business suites with bathroom, WC, electronic key, spy hole in the door, smoke detectors, Wi-Fi connection, satellite and Pay TV with the interactive contact with reception desk. Superior class rooms are air-conditioned and guests are provided with special services. The hotel also offers car rentals, sauna, massages, hair designer and Internet. The dining services are provided in the Atrium restaurant, Grill-bar Gurmet and in a “à la carte” restaurant which features live music.

LUNCH, COFFEE BREAKS

Lunch and coffee breaks are included in the conference fee. It will be served at the hotel restaurant and lobby.

SOCIAL EVENING & BEER PARTY

Social evening - May 23rd 2012, 7:30 p.m. Hotel Restaurant
Beer party - May 24th 2012, 7:30 p.m. The Moravian Cottage, 200m from the hotel
Evening and party are included in the conference fee.

Please register at: www.METAL2012.com

ABSTRACTS

200 words min., 250 max., in English.

PAPERS

Up to 6 pages incl. pictures, file size 20 MB max., in English. In other case please contact conference manager.

POSTERS

The poster session will take place in hotel lobby on May 24th 2012 from 6:00 p.m. Poster size: 80 cm (width) x 120 cm (height). The poster text, for publishing on CD, can be in range up to 6 pages incl. pictures (file size 20 MB max).

INSTRUCTION FOR AUTHORS

Please read carefully instructions for creating abstracts, papers, posters, presentations - button Instruction for Authors on the conference website.

PROCEEDINGS

Papers from the conference will be sent for publishing in Thomson Reuters Web of Knowledge/Web of Science database.

THOMSON REUTERS

INDEXED IN
ISI Web of Knowledge™
The prices are without VAT 20%

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<th>Service</th>
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<tr>
<td>Company presentation by paper 20 min or poster (free participation of 1 company representative)</td>
<td>290 EUR</td>
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<tr>
<td>Accompanying exhibition (free participation of 1 company representative)</td>
<td>400 EUR</td>
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<td>Company presentation on a CD (up to 50 MB)</td>
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<td>Placement of a company logo in the main auditorium and on the conference web site</td>
<td>160 EUR</td>
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<td>Distribution of company materials during check-in of participants</td>
<td>80 EUR</td>
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SPONSOR OF THE CONFERENCE  
1200 EUR

MAIN SPONSOR OF THE CONFERENCE  
1600 EUR

GENERAL SPONSOR OF THE CONFERENCE  
2000 EUR

HISTORY
The tradition of international material and metallurgical conferences METAL, which are held annually in May, was established in 1992. TANGER, Ltd. Ostrava organizes the conference with cooperation of other partners, such as VSB-Technical University Ostrava, Czech Society for New Materials and Technologies and others.

Since 2010, there has been a new concept in organizing of conferences, emphasizing the development of own web based conference system, as well as publishing of conference proceedings in internationally recognized Thomson Reuters Web of Science/Web of Knowledge database, etc. The result is the growing interest in the last two years.

20th Jubilee conference METAL 2011 was held on May 18th - 20th 2011. The organizers moved the event to the Voronez Hotel in Brno. 379 participants registered for the conference, 326 arrived. 58 foreign experts came from Europe, Middle East, Asia, Africa, South America and US. 283 papers and 53 posters were presented. The event was accompanied by presentations of 13 exhibitors and sponsors. Beside the busy schedule, the participants enjoyed the social evening, the beer party and the accompanying program - excursion to a hardening company Bodycote HT Ltd., excursion to Brewery Starobrno, ship cruise on the Brno reservoir with Castle Veveri tour, visit to the Chateau Slavkov - Austerlitz and Labyrinth under Zelny trh tour. The participants rated the conference as very successful.

We look forward to seeing you at the conference METAL2012.