



2nd International industrial conference

EAF STEEL PRODUCTION: TECHNOLOGY, EQUIPMENT, MATERIALS

Hosting by Eurasian Metals

**with support of Ministry of Industry and
Trade and Russian Steel Association**

February 13, 2018,

Moscow, Golden Ring hotel, Smolenskaya str. 5, Yaroslavl hall

February 14-15, 2018,

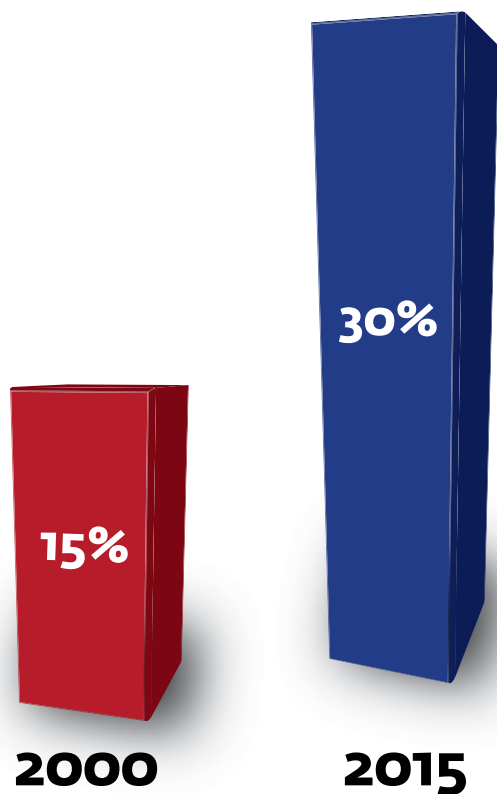
Trip to Vyksa Steel Works, OMK Company, Nyzhny Novgorod Region

Topics

- **Modern tendencies and actual problems of steel production in EAF**
- **Infrastructure and equipment of EAF**
- **Systemic approaches to raising the economic-production indicators of EAF highly efficient operation**
- **Increasing EAF potential at the account of improving the quality and utilization of raw materials and expendables**

Why in Russia?

Rapid growth of electric steel method



EAF-share in the Russian steelmaking capacities



Brand-new furnaces



Greenfield mini-mill projects



Leading position in European HBI market



Professional circle and friendly atmosphere at the event

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February 13, 2018, Moscow, Golden Ring hotel, Smolenskaya str. 5, Yaroslavl hall

February 14-15, 2018, Trip to Vyksa Steel Works, OMK Company, Nyzhny Novgorod Region

PROGRAMME TUESDAY, FEBRUARY 13

08:30 Registration, Coffee/Tea

09:25 The conference opening

09:30 Session 1. Modern tendencies and urgent problems of Steel production in EAF

Moderator: **Takhir Galiullin**, Chairman of the Commission for production, technical development and education, **Russian Steel Association**, Director of department for technology development, **Mechel-Steel**

Electric arc smelting at the current stage of Russian steel industry development

Alexey Sentyurin, Executive Director, **Russian Steel Association**

Urgent technical and technological issues of exploiting EAF in Russian Federation

Takhir Galiullin, Chairman of the Commission for production, technical development and education, **Russian Steel Association**, Director of department for technology development, **Mechel-Steel**

Innovations in technologies of electric arc smelting: main results of their installation and adopting in practices (based on the research of EAF Technology Forum)

Dr. **Rizwan Junjna**, Director of technology committee, **worldsteel**

Transition to steel smelting in the 120 tons furnace with continuous charge loafing; problems and solutions

Alexander Reshetnikov, Deputy General Director for long-term development, **Ashinsky Steel Plant (AMZ)**

General tendencies of electric arc smelting production at OEMK

Presentation of **OEMK**

Achievement of the required parameters on quality, productivity and efficiency of EAF in the framework of a cast-rolling complex

Oleg Fedotov, Director of Cast-rolling complex, **Vyksa Steel Works**

11:00 Coffee break.

11:30 Session 2. Technical solutions and infrastructure of EAF

Moderator: **Konstantin Kosyrev**, Chairman, Steelmakers Association

Variants of solutions for EAF energy supply system in the framework of projects directed for power increase of electric steelmaking shop

Dmitry Borisovetz, Deputy chief engineer on reconstruction and technical re-equipment, **Belorussian Steel Works (BMZ)**

Use reducing electrode consumption and decreasing non-productive costs in the course of EAF exploiting

Presentation of **Energoprom**

Modernization of electric steelmaking shop energy department with passage to transformers of a new generation

Presentation of **ABB**

Modern solutions on intensification of electric arc smelting in heavy-load EAF

Presentation of **EvrzHolding**

Newest gas-cleaning systems as a way to guaranteed compliance of ecological standards without increasing unit discharge for electric steel production

Presentation of **General Electric**

Approaches to selection of solutions and priorities in the process of introducing of long-term IT-technologies: the present and the future of digital production

Presentation of **SAP**

13:00 Lunch

14:00 Session 3. Systemic approaches to raising the technical and economic indicators of EAF highly efficient operation

Moderator: **Victor Semenov**, General Director of **Bardin Central Research Institute for Ferrous Metallurgy**

Expertise of servicing and repairing EAF for maintaining its highly efficient maintenance

Alexander Il'ichyov, Director for repairing works, **Taganrog Metallurgical Plant (TAGMET)**

Modern methods for intensification processes of melting EAF: achievements and issues

Artyom Akinfiev, General Director, **Mini-Mill Balakovo**

Synchronization of EAF work with ladle furnace and continues casting machine

Presentation of **Abinsky electric steel plant, Novorosmetall Company**

Rostov electric steel plant the first in Russia mini-mill built according to the classical scheme. Adaptation of CONCAST equipment and technologies to the domestic market and real running conditions

Presentation of **Rostov Electric Steel Plant**

Organization of training personnel for working at EAF and system of electrosteelmakers upgrading.

Expertise of PNTS

Sergei Borisov, Electrosteelmaking complex, **PNTZ**

16:00 Coffee break. Networking

16:30 Session 4. Increasing EAF potential at the account of improving the quality and utilization of raw materials and expendables

Moderator:

Expertise of HBI utilization for upgrading charge and improving parameters of smelted steel

Presentation of **MMK**

Outsourcing as an alternative of supplying electric furnace steelmaking with industrial gases

Philip Blostein, **Air Liquide**

Preparation of scrap and charge materials for ensuring production of structural steel in EAF

Sergei Glushkov, General Director, **Electrostal of Tumen**

Analyses of statistics on losses connected with electrodes in steelmaking shop of Russian and foreign plants.

Presentation of **SGL Carbon**

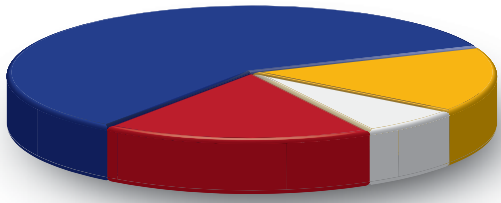
Promising refractory materials, prolongation of inter repair time of EAF operation

Presentation of **RHI**

18:00 Closing the 1st Day of the Conference

18:15 Cocktail reception

Who takes part in the conference



- **Directors and specialists of steel plants** **59%**
- **Specialists of engineering companies** **16%**
- **Suppliers of materials and expendables** **7%**
- **Experts and researchers** **18%**

Participants (companies and plants):

Abinsk Electric Steel Plant, Akont, Ashynsky Steel Works, Bogdanovich Refractories, BSE, Casting-Rolling Mill (Vyksa Steel Works), COS Targoviste, Danieli, DEREf, 'Electrostral' Metallurgical plant, Evraz, Yartsevo Casting-Rolling Mill, GertnergrouP, Inteco Melting and Casting Technologies GmbH, iSteel Tenova Melt Shops, Izhstal, KSP Steel, Linde Gas, Magnezit Group, Mechel, Metalloinvest, MetProm Group, MMK, NKMZ, NLMK LipetzK, NLMK Kaluga, NLMK Ural, OMK, Oskol Electrometallurgical Complex, Primetals, Seven Refractories, Severstal, Severstal Minimill Balakovo, SMS Group, Stupino Metallurgical Company, STZ, TMK, Tagmet, Tenova East Europe, Tulachermet Steel, Tymen Electric Steel Plant, Ural Steel, Uralkuz, Volzhsky Pipe Plant

What they say about the event

Thanks for the excellently organized conference. We liked the place of its holding – convenient, comfortable, technological. Communication was also useful due to the wide scope of participants

Stepan Sukharev,
Senior engineer-technologist, Department of development, Magnezit Group Ltd

The leaders of our company took part in many conference and seminars. But at this conference it was really interesting. Thanks for the wonderful organization of this event and satiated, rich program as well as for cooperation.

Grigore Musteata,
Assistant General Manager, SC COSTargoviste SA, Romania

I would like to express my gratitude for the invitation to the conference and to note its excellent organization, good composition of participants, interesting presentations.

Dmitry Elansky,
Partner, sales, BSE – Badische Stahl-Engineering GmbH

In my view the conference was interesting and satiated. It is worth of marking that there were no separate sections and that there was an opportunity to hear all presentations. As a positive point I would like to note such a favourable fact that Russian steelmakers do not mark time and are in a permanent search of ways for increasing productivity of labor, elevating efficiency and reducing costs, that they actively interchange with their opinions and works already completed on issues of production.

Konstantin Elizarov,
Manager, technical sales, steelmaking, Danieli Centro Met

Join us!

Registration Form

Booking fees

You will be invoiced in Euro or US Dollar:
 700 Euro
 800 USD

The cost includes

- participation in the conference;
- simultaneous translation in both Russian and English;
- lunches and coffee breaks, drinks reception.

Company details:

Company
 Address

Participants details:

1. Firstname / Surname / Job Title	<input style="width: 700px;" type="text"/>	
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	<input style="width: 150px;" type="text"/>	<input style="width: 150px;" type="text"/>
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**The registration form should be send to e-mail:
subscribe@eurasmet.ru, ratanova@eurasmet.ru**