

General
Partner:



EURASIAN
METALS



4th 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, 2020,

Moscow, Golden Ring Hotel, Smolenskaya str. 5

February 14, 2020,

Trip to Byelorussian Steel Works, Zhlobin, Republic Belarus

- Topics
- Current situation and challenges for the industry: outward factors
 - Quality and efficiency from raw materials to steel products: inward factors and solutions
 - Development and improvements in EAF equipment: cooperation with partners
 - Reduction of costs and downtime during operation and repairs in electric steel shop: best practices

Partners:

DANIELI



melting&casting

INTECO

technologies

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Eurasian Metals

with support of **Ministry of Industry and Trade, RF** and **Russian Steel Association** as General Partner

13th February, 2020. Moscow, Golden Ring Hotel, Smolenskaya str. 5, Sergiev Posad Hall

14th February, 2020. Visiting BMZ (Byelorussian Steel Works), Zhlobin, Republic Belarus

Draft program THURSDAY, FEBRUARY 13

08:30 Registration, Coffee/Tea

09:25 Conference opening

09:30 Session 1. Current situation and challenges for the industry: outward factors

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

Addressing remark

Alexey Ushakov, Deputy director, Department of metallurgy and materials, **Ministry of Industry and Trade, RF**

Preliminary industry results 2019. Key challenges for Russian steelmakers

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

State support measures for Russian steelmakers

Alexey Kanayev, Deputy of the **RF State Duma**, Co-chairman of the Expert Council on the issues of metallurgic and mining industries with the State Duma Committee on Economic policy, Industry, Innovation development and Entrepreneurship

How will EAF growth in China, India and other Asia impact scrap markets

Irina Melkonyan, Analyst, **CRU**, UK

Scrap quality improvement for increasing efficiency of electric steel production

Dr. **Dmitry Elanskiy**, Assistant professor of **MISIS National University of Science and Technology**

10:40 Questions and answers

11:00 Coffee break

11:30 Session 2. Increase of quality and efficiency on all stages of steelmaking production: inward factors and solutions

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

Advanced technologies in secondary metallurgy

Franco Gandin, Senior Process Technology Engineer, **Danieli Centro Met**, Italy

Extension of time limit for casting ladle lining

Alexey Yeremin, Head of the Production and Technical Department, **NLMK-Kaluga**

Increase of operational efficiency and cost competitiveness of mini-mill steel melting shops. NSMMZ' case

Dr. **Yakov Gordon**, Technical director, **HATCH**, Canada

Autopilot and designer for Technologist on secondary metallurgy

Nikita Alalykin, General director, **Scientific and Research Center "Hi-Tech Metallurgy"**, Ltd

Performance and safety improvement achieved by EAF technology from INTECO

Dr. **Christian Redl**, Vice-president for sales, **INTECO**, Germany

12:40 Questions and answers

13:00 Lunch

14:00 Session 3. Development and improvements in EAF equipment: cooperation with partners

Moderator: **Dmitriy Elanskiy**, Assistant professor of **MISIS National University of Science and Technology**

Tenova and FMF®: an innovative solution for flexible steelmaking. Operative results

Davide Masoero, Area manager, **Tenova Melt Shops**, Italy

Innovative system Q-One – breakthrough technology for drastically reducing of using electric power as well as electrode and refractory consumption

Manuel Bianco, Sales manager for Q-One product, **Danieli Digital & Met**, Italy

Potential of EAF Quantum Technology

Deniz Catan, Technical sales manager in electric steel making, **Primetals Technologies**, Germany

Enhancing the availability and efficiency of the EAF

Markus Abel, Managing director, **triples**, Germany

CONPRO – solution for a flexible EAF fed by hot metal and scrap

Katharina Vagts, Project-manager, **SMS Group GmbH**, Germany

15:20 Questions and answers

16:00 Coffee break

16:30 Session 4. Infrastructure projects for effective work of EAF

Moderator: **Sergei Botnikov**, Chief technologist, Department on project implementation, Project "Electrometallurgical complex" **Vyksa Steel Works**

Directions of TMK steel division development under current conditions

Valery Krasilnikov, Chief metallurgist, **TMK**

Designing and introducing efficient measures for production on high quality steel at the Vyksa Steel Works

Sergey Botnikov, Chief technologist, Department on project implementation, Project "Electrometallurgical complex" **Vyksa Steel Works**

Application drying posts and of metallic charge heating for a save charge of EAF under conditions of a casting-rolling complex of AO "VMZ"

Maxim Volkov, Chief specialist on technology of steel production, Division on metallurgic processes, Engineering-technologic center, **Vyksa Steel Works**

Furnaces and systems for production your own lime of the best quality

Gianpaolo Gotti, Sales & Application manager, **Cimprogetti**, Italy

Energy efficient steel production with the Primary Energy Melter (PEM)

Katharina Vagts, Project-manager, **SMS Group GmbH**, Germany

17:40 Questions and answers

18:00 Closing the 1st Day of the Conference

18:15 Cocktail reception

Trip to BMZ (at a personal choice)

21:22 Departure from Moscow to Zhlobin, Belorussky railway station, Train 055B

FRIDAY, FEBRUARY 14

08:13 Arrival to Zhlobin, Republic Belarus

09:00 – 19:00 Visiting Byelorussian Steel Works

20:06 Departure from Zhlobin, Train 056*^b

SATURDAY, FEBRUARY 15

07:23 Arrival to Moscow, Belorussky railway station

February, 14. Friday

Visiting Byelorussian Steel Works, Zhlobin, Republic Belarus

13th February, 21:22	Departure from Moscow to Zhlobin, Belorussky railway station, Train 055B
14th February, 08:13	Arrival to Zhlobin, Republic Belarus
09:00– 19:00	Visiting Byelorussian Steel Works
19:53	Departure from Zhlobin, Train 0554
15th February, 06:53	Arrival to Moscow, Belorussky railway station



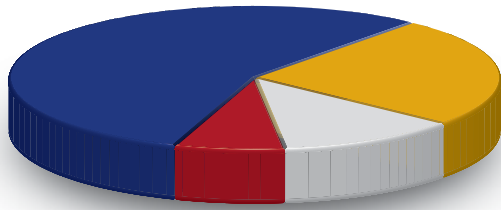
Byelorussian Steel Works (BSW)

Key points

- ▶ Built in 1984 by Voest Alpine and Danieli on turnkey terms as a mini-mill with steel capacities of 700 000 tpy, now BSW produces more than 2.5 Mt/y of raw steel and wide range of steel products – tubes, cord, wire, bars, steel fiber, billets
- ▶ BSW steel melting shop comprises three powerful EAF, three CCM and equipment of secondary metallurgy
- ▶ During the last five year BSW investments in modernization and technical re-equipment of production exceed one billion dollars



Participants of the event in 2019



- **Directors, top-managers and leading specialists of steel plants** **56%**
- **Representatives of engineering companies** **25%**
- **Suppliers of materials, expendables and solutions** **12%**
- **Other** **7%**

Companies and plants – participants of the event

Abinsk Electric Steel Works, Chelyabinsk Iron and Steel Works (Mechel Group), Cherepovets Iron and Steel Works (Severstal), Cimprogetti, Danieli & C. Officine Meccaniche, Danieli Automation, ESF Elbe-Stahlwerke Feralpi GmbH, EVRAZ ZSMK, Industrial Metallurgical Holding, Intelmet Technologies, Istok Corporation, Izhstal (Mechel Group), Linde Gas Rus, Mashprom, Mechel-Steel, Metalloinvest, MetProm Group, Magnitogorsk Iron and Steel Works (MMK), NKMZ, NLMK Group, NLMK-Kaluga, NLMK-Ural, Oskol Electrometallurgical Plant (Metalloinvest Holding), Primetals Technologies, SAP, Seversky Pipe Plant (TMK), Severstal, Severstal – Balakovo mini-mill, SMS group GmbH, TAGMET (TMK), Tekknow, TMK, Tokyo Steel, tripleS, Ural Steel (Metalloinvest Holding), USM, Volzhsky Pipe Plant (TMK), Vulkan-TM, Vyksa Steel Works (OMK), TEMPO.

What they say about the event

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

I took part in the conference in Moscow and visited OMK company in Vyksa. Everything was perfect. Thank you very much.

Javad Mohammadi,
Khouzestan Steel Company, Iran

We consider the conference a very good event. It was an excellent opportunity to be its sponsor for promoting Tekknow and communication with all participants.

Natalia Khripova,
Tekknow JSC

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

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
Tel.: E-mail:

2. Firstname / Surname / Job Title
Tel.: E-mail:

3. Firstname / Surname / Job Title
Tel.: E-mail:

The registration form should be send to e-mail:
subscribe@eurasmet.ru, ratanova@eurasmet.ru