

Арсения Игоревича Пости за исследование влияния скоростных режимов прокатки на износостойкость прокатных валков черновой группы клетей стана 370/150.

За вклад в создание и развитие научно-технических основ, производственной базы, технологии и оборудования для рециклинга дисперсных отходов черных и цветных металлов дипломом АЛМ и бронзовой статуэткой был награжден директор УП «Технолит», кандидат технических наук, доцент Сергей Леонидович Ровин.

И. А. Дибров, Президент Российской ассоциации литейщиков, вручил Е. И. Маруковичу (зам. председателя АЛМ), С. Ф. Лукашевичу, М. А. Сайкову (директор ОАО «ГЛЗ «ЦЕНТРОЛИТ») медали Российской ассоциации литейщиков за «Верность профессии».

В номинации «За многолетнюю работу в области литейного и металлургического производств» был награжден (посмертно) директор ОАО «БЕЛНИИЛИТ», кандидат технических наук Алексей Петрович Мельников.

В торжественной обстановке были вручены памятные медали и дипломы:

- Е. И. Маруковичу, академику НАН Беларуси, д-ру техн. наук, профессору, дважды Лауреату Госпремий, Заслуженному изобретателю РБ, зам. председателя Ассоциации литейщиков и металлургов РБ «За значительный вклад в становление и развитие Ассоциации литейщиков и металлургов Республики Беларусь, организацию и проведение Международных научно-технических конференций «Литейное производство и металлургия. Беларусь»,

а также генеральным партнерам конференции:

- господину Петеру Чандлу – нашему давнему другу и партнеру, фирма «Engineering Consultants Tschandl», Австрия;

- господину Олафу Крамеру, фирма «Heinrich Wagner Sinto», Германия, оборудование которой хорошо знают в Беларуси;

- господину Фабио Занарди – Президенту фирмы «Zanardi Fonderie», Италия, одной из самых известных в мире компаний по производству изделий из отпущенного высокопрочного чугуна.

Проведенная конференция расширила взаимовыгодное сотрудничество, повысила осведомленность в области литейного и металлургических производств, помогла найти партнеров, установить новые деловые контакты.

*Посмотреть фотогалерею конференции можно на сайте АЛМ <http://alimrb.by/liteynoye-proizvodstvo-i-metallurgiya-2017-belarus>.*

## THE JUBILEE XXV-TH INTERNATIONAL CONFERENCE «FOUNDRY PRODUCTION AND METALLURGY 2017. BELARUS»

It has become a tradition to hold annual meetings of foundrymen and metallurgists in the capital of Belarus every fall. The Jubilee XXV-th International scientific-technical Conference «Foundry production and metallurgy 2017. Belarus» took place 18–19 October in Minsk at the Science and Technology Park of BNTU «Polytechnic». Simultaneously with the conference was organized an information exhibition of foundry production and metallurgical technologies, which was attended by representatives from Belarus (OJSC «BMZ – holding management company «BMK», SSI «Institute of technology of metals of NAS of Belarus», OJSC «Minsk mechanical plant» named after Vavilov, JSC «BELNIILIT», unitary enterprise «Tehnolit», JSC «Industrial Ecological Systems»), Russia (JSC «Ostek-ArtTul») and from other countries (Furtenbach (Austria), DISA, Pour-Tech AB, Zanardi Fonderie (Italy), HWS (Germany).

The conference was one of the most memorable events of the year. It brought together over 150 experts and scientists from Belarus, Russia, Ukraine, Latvia, UK, Austria, Bulgaria, Italy, Czech Republic, Germany, Slovakia, Poland, Egypt, the scientists of the institutes of the National Academy of Sciences (NAS) of Belarus (ITM, FTI, AMI), representatives of technical universities of Belarus (Belarusian National Technical University, Gomelsky State Technical University named after Sukhoi), Russia (MISIS), other foreign countries (University of SWANSEA, UK), Central metallurgical R&D Institute (Egypt).

For the first time the conference was attended by General Secretary of the World Foundry Organization (WFO) Mr. Andrew Turner (Great Britain). In 2012 the Association of foundrymen and metallurgists of the Republic of Belarus was adopted to this world organization of founders, uniting Associations of 30 countries of

the world (Germany, USA, China, India, France, etc.). The Conference was attended by many representatives of foreign firms and companies: President of Zanardi Fonderie Mr. Zanardi Fabio (Italy), our old friend and partner Peter Tschandl (Engineering Consultants Tschandl (Austria), Olaf Kramer (HWS, Germany), Mauro Fassino (Italpresse Gauss, Italy), Tadeusz Franaszek and Katarzyna Lizka, (President and General Secretary of the Polish Foundrymen's Association), Professor of the Central Metallurgical R&D Institute Adel Nofal (Egypt), Professor S. Brown and Dr. P. Ransing (University of SWANSEA, UK) and others.

Presidium of the Conference: the Deputy Prime Minister of Belarus Semashko V. I., the General Secretary of the World Foundry Organization (WFO, UK) Andrew Turner, Rector of the BNTU, Dr. of Engineering Kharitonchik S. V., the Chairman of ALiM, General Director of OJSC «BMZ – holding management company «BMK» Savenok A. N., Academician of the NAS of Belarus, Deputy Chairman of ALiM Marukovich E. I., President of Russian Association of founders, Dr. of Engineering, Professor Dibrov I. A.

E. I. Marukovich, Academician of NAS of Belarus, Dr. of engineering, Professor, twice laureate of the state prize, Honored inventor of the Republic of Belarus, Deputy Chairman of Association of foundrymen and metallurgists of Belarus opened the Conference.

The presense of government officials demonstrates the importance the Conference.

The General Director of OJSC «BMZ – holding management company «BMK» A. N. Savenok and the rector of Belarusian national technical University V. S. Kharitonchik made welcoming words.

With great interest and attention the participants of the conference listened to the information of the Deputy Prime Minister of the Republic of Belarus V. I. Semashko. In his speech V. I. Semashko announced plans of modernization of foundry facilities in 2017–2030. The most significant projects:

1. Modernization of foundry production of JSC «MAZ – holding management company «BELAVTOMAZ».
2. Modernization of foundry of OJSC «MTW» (Minsk Tractor Works).
3. Modernization of foundry production of JSC «Mogilevliftmash» (The largest producer of elevators).

Thus, the adoption of measures for optimization and modernization of the foundry will reduce production costs, and will gradually minimize the import of the casting, introduce advanced technologies, improve product quality.

Analysis of the state of the foundry industry worldwide, political and economic factors that affect the demand for and supply of foundry products, the activities of the major foundry producer countries were presented in the profound presentation «The Global Casting Industry (Overview)» of the General Secretary of the World Foundry Organization Mr. Andrew Turner (Great Britain).

A brief analysis of the status and prospects of development of metallurgical complex of the Republic of Belarus was given in the report of the General Director of OJSC «BMZ – holding management company «BMK» A. N. Savenok. It was noted that the real economy finally emerged from a protracted recession due to the negative global macroeconomic processes, and entered into a period of sustainable growth.

Important issue is energy efficiency in the enterprise sector. Much interest among the participants caused the report of the representative of UNIDO A. Y. Antamoshkin «Energy management – just words or deed? Results of Implementation in Russia.» The results of UNIDO Project on energy management in Russia were presented, and especially the impressive economic impact (more than 1,1 billion Russian rubles) which was received in Magnitogorsk metallurgical plant due to the project's implementation.

The President of the Russian Association of founders I. A. Dibrov made interesting presentation about prospects of development of foundry production in Russia.

New equipment of the company DISA was introduced by D. Y. Samokhvalov (representative office of firm DISA, Russia).

Aspects of foundry production in Poland in comparison with Europe and the world were made in the report of Katarzyna Lizka, General Secretary of the Polish Foundrymen Association.

The conference provided a varied program of presentations, information, speeches, which reflected the whole palette of foundry production and metallurgy as subjects of mechanical engineering. At the plenary meeting heard serious reports enhance our understanding in certain areas of the foundry.

The attention of the participants of the conference was also focused on round tables:

1. Casting aluminum alloys. The Head – V. D. Belov, Dr. of Engineering, Professor «MISIS», (Russia).
2. Technology, properties and application of austempered ductile iron (ADI). The Head – Adel Nofal, Professor of the Central Metallurgical R&D Institute, (Egypt).
3. The mill products of OJSC «BMZ – holding management company «BMK», produced according to European standards for Belarus machine-building enterprises. The Head – A. V. Vengura, Chief of the research

center of OJSC «BMZ – holding management company «BMK» (Belarus).

During the work of the Conference were made 66 reports and presentations.

The highlight of the conference was the ceremony of award of the ALiM of with the diplomas and «Bronze statues of the foundryman». Prizes of the Association of foundrymen and metallurgists of the Republic of Belarus are traditionally an important component of strengthening scientific ties and boost development of new promising activities.

The diploma of the Laureate of the Prize of the Association of foundrymen and metallurgists and the bronze statuette in the nomination «The Best innovative project implemented in the foundry and metallurgical industries, aimed at improving product quality, energy and resource saving» was awarded to OJSC «BMZ – holding management company «BMK» for the construction of a complex for the production of rough axles for JSC «Mogilev metallurgical plant».

In the nomination «Best scientific-production work of a young engineer» (the prize named after D. M. Kukui) the work of engineer-technologist of rolling of the Department of technical control of OJSC «BMZ – holding management company «BMK», master of engineering (metallurgy) Arseniy I. Posti was given for a research of the impact of high-speed rolling conditions on wear resistance of the rolls of roughing stands of the Mill 370/150.

For contribution to creation and development of scientific-technical bases, production base, technologies and equipment for recycling dispersive wastes of ferrous and non-ferrous metals with a diploma and a bronze statuette of ALiM was awarded to the Director of the unitary enterprise «Tehnolit», Ph. D in Technical Sciences, Associate Professor Sergey L. Rovin.

I. A. Dibrov, the President of the Russian Association of founders handed Marukovich E. I. (Deputy Chairman of ALiM), F. S. Lukasiewicz, M. A. Saikova (Director of «GLS TSENTROLIT) medals of the Russian Association of founders for «Loyalty to profession».

In the nomination «For long-term work in the field of foundry and metallurgical productions» was awarded (posthumously) the Director of JSC «BELNIILIT», Ph. D in Technical Sciences Alexey Melnikov

In a solemn ceremony commemorative medals and diplomas were awarded:

- E. I. Marukovich, Academician of the NAS of Belarus Dr. of Engineering Sciences, Professor, twice Laureate of state prize, Honored inventor of the Republic of Belarus, Deputy Chairman of Association of foundrymen and metallurgists of Belarus – «For significant contribution to formation and development of the Association of foundrymen and metallurgists of the Republic of Belarus, organization and holding of International scientific-technical conference «Foundry production and metallurgy. Belarus»,

as well as to the General partners:

- Mr. Peter Tschandl – a longstanding friend and partner, the firm «Engineering Consultants Tschandl»;
- Mr. Olaf Kramer, the firm Heinrich Wagner Sinto, which modern equipment is well known in Belarus;
- Mr. Fabio Zanardi – President of the company, «Zanardi Fonderie», one of the well-known companies in the world for the production of products of austempered ductile iron (ADI).

The conference allowed to expand mutually beneficial cooperation, to raise awareness in the field of foundry and metallurgical production, to find new partners, to establish new contacts.

You can see the photo gallery of the conference on the website of ALiM <http://alimrb.by/liteynoye-proizvodstvo-i-metallurgiya-2017-belarus>.