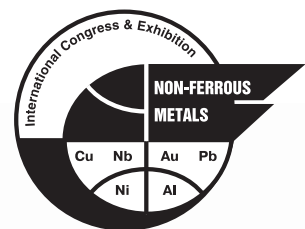


ПРОГРАММА

V МЕЖДУНАРОДНОГО КОНГРЕССА И ВЫСТАВКИ
«ЦВЕТНЫЕ МЕТАЛЛЫ»
XXXI МЕЖДУНАРОДНОЙ КОНФЕРЕНЦИИ
«ИКСОБА»



PROGRAM

V INTERNATIONAL CONGRESS & EXHIBITION
«NON-FERROUS METALS»
XXXI INTERNATIONAL CONFERENCE «ICSOBA»

September 4–6, 2013
Krasnoyarsk
Russia

**BRIEF PROGRAM OF THE V INTERNATIONAL
CONGRESS & EXHIBITION «NON-FERROUS METALS-2013» and
XXXI INTERNATIONAL CONFERENCE «ICSOBA»**

Time	Event	Place
September, 3, Tuesday		
9.00-18.30	Workshop «ICSOBA-Aluminium of Siberia»	Conference Hall (2 nd floor)
10.00-17.00	Booths' installation	Exhibition Hall № 1
16.00-18.00	Registration	Hall, ground floor
19.00-21.00	Welcome drinks & snacks «ICSOBA – ALUMINIUM OF SIBERIA»	Restaurant «Siberia», ground floor
September, 4, Wednesday		
8.30-10.00	Registration, briefing	Hall, ground floor
10.00-11.00	Congress and exhibition opening, photography	Hall, ground floor
10.00-18.00	Exhibition	Exhibition Hall № 1
11.00-13.00	Biront's memory readings	Conference room B in the Exhibition Hall № 1
11.00-16.50	Plenary session «ICSOBA-Aluminium of Siberia»	Conference Hall (2 nd floor)
11.30-15.00	Plenary session «MINGEO-Non-ferrous, rare and precious metals production»	Big Hall in the Exhibition Hall №3
12.00-14.00	LUNCH	Restaurant «Siberia», ground floor
16.40-18.00	Sections: Aluminium Reduction Technology	Conference-hall (2 nd floor)
14.50-17.50	Alumina Production	Middle Hall (2 nd floor)
13.40-18.00	Carbon and Carbon Materials	Big Hall (1 st floor)
11.00-12.40	Biront's memory readings	Conference Room B in the Exhibition Hall № 1
13.30-17.10	Thermal and pressure metal treatment	Conference Room B in the Exhibition Hall № 1
15.50-18.00	Non-ferrous and rare metals production	Big Hall in the Exhibition Hall №3
14.00-17.00	Current technologies of mineral raw materials extraction	Conference Room A in the Exhibition Hall № 1
14.50-15.50	Break. Exhibition. Presentation.	Exhibition Hall № 1
15.00-17.00	Round table discussion: «The creation of platform working with custom open inno- vations in the Krasnoyarsk Territory»	Small Hall (1 st floor)
18.00-23.00	Yenisei River Trip / Fourshette «MINGEO-Non-ferrous, rare and precious metals production»	Motor Ship «V.Chkalov» / Restaurant Siberia
September, 5, Thursday		
9.00-17.00	Exhibition	Exhibition Hall № 1
10.40-11.40	Break. Exhibition. Presentation.	Exhibition Hall № 1
11.00-13.00	Round table discussion: «Innovation waste processing technologies implemen- tation in metallurgical and engineering industries»	Big Hall (1 st floor)
12.00-14.00	LUNCH	Restaurant «Siberia», ground floor
13.00-14.00	Companies presentations	Exhibition Hall № 1

14.00-16.00	Round table discussion: «Aluminium usage prospects in the infant industry»	Big Hall (1 st floor)
15.20-16.20	Break. Exhibition. Presentation.	Exhibition Hall № 1
8.40-18.00	Sections: Aluminium Reduction Technology	Conference-hall (2 nd floor)
8.30-18.00	Alumina Production	Middle Hall (2 nd floor)
8.30-10.40	Carbon and Carbon Materials	Big Hall (1 st floor)
9.00-12.20	Thermal and pressure metal treatment	Conference Room B in the Exhibition Hall №1
14.00-17.30	Casting	Conference Room B in the Exhibition Hall №1
8.30-17.20	Non-ferrous and rare metals production	Big Hall in the Exhibition Hall № 3
8.30-17.40	Mineral and raw materials sources of non-ferrous and precious metals	Conference Room A in the Exhibition Hall №1
8.40 -18.00	Precious metals production	Small Hall
18.00-20:00	City tour	
September, 6, Friday		
9.00-16.00	Exhibition	Exhibition Hall №1
9.30-12.00	Excursions: RUSAL Krasnoyarsk / Krasnoyarsk Non-Ferrous Metals Plant / Krasnoyarsk hydro power dam	
9.00-11.00	Round table discussion: «Cooperation within the mineral resources research» (with the Helmholtz school/SFU participation)	Conference Room A in the Exhibition Hall № 1
9.00-12.00	Round table discussion: «Modernization of higher professional education system»	Conference Room B in the Exhibition Hall № 1
12.00-13.30	LUNCH	Restaurant «Siberia», ground floor
13.00-13.30	Companies presentations	Exhibition Hall № 1
12.50 -17.00	Sections: Aluminium Reduction Technology	Conference-hall (2 nd floor)
9.00 - 16.00	Alumina Production	Middle Hall (2 nd floor)
13.00-15.20	Bauxites	Big Hall (1 st floor)
13.00-17.00	Casting	Conference Room B in the Exhibition Hall № 1
13.00-16.20	Non-ferrous and rare metals production	Big Hall in the Exhibition Hall №3
11.30-16.20	Mineral and raw materials sources of non-ferrous and precious metals	Conference room A in the Exhibition Hall № 1
9.00-16.40	Economics, finance, projects in mining and metallurgy	Small Hall
17.30	Departure to the Closing Ceremony	«Siberia» Hotel entrance
18.00-23.00	Congress and exhibition Closing. Banquet	Restaurant «Troyanda»
September, 7, Saturday		
9.00-13.00	Out of Town Trip National Park «Krasnoyarsk Stolby»	

LECTURES/ WORKSHOP
«Light Metals Metallurgy» + «Bauxite and Alumina Production»

September, 3, Tuesday

Conference Hall

Время	Название	Лекторы
9.00-11.00	«Modeling in metallurgy and approach to calculating fields and fluxes»	<i>Dr. Rene von Kaenel, (KANNAK)</i>
11.00-12.00	«Constraints and options for reducing energy consumption in aluminium smelting»	<i>Prof. Barry Welch</i>
12.00-13.00	BREAK	
13.00-14.00	«Aluminium reduction technology»	<i>Prof. Peter V. Polyakov</i>
14.00-15.00	«Characterisation of carbon materials for the electrolysis process control»	<i>Dr. Frank Feret, ICSOBA</i>
15.00-16.00	«Electrolytes of the modern design and Soderberg cells and methods of their control»	<i>Halvor Kvande</i>
16.00-16.30	BREAK	
16.30-17.30	«An introduction to lateritic bauxite – from exploration through exploitation»	<i>Jeffrey Best, Hydro</i>
17.30-18.30	«Development, current status and the challenges of alumina production»	<i>Leslie Leibenguth, LWL Technical Services</i>

PROGRAM OF V CONGRESS AND EXHIBITION
«NON-FERROUS METALS-2013» and
XXXI INTERNATIONAL CONFERENCE «ICSOBA»

September, 4, Wednesday

8.30-10.00	Registration
10.00-11.00	Opening of the Congress and Exhibition. Photography. Media.
10.00-18.00	Exhibition

ROUND TABLE DISCUSSIONS

September, 4, Wednesday

15.00-17.00	Issue: «The creation of platform working with custom open innovations in the Krasnoyarsk Territory»	Small Hall
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September, 5, Thursday

11.00-13.00	Issue: «Innovation waste processing technologies implementation in metallurgical and engineering industries»	Big Hall
14.00-16.00	Issue: «Aluminium usage prospects in the infant industry»	Big Hall

September, 6, Friday

9.00-11.00	Issue: «Cooperation within the mineral resources research» (with the Helmholtz school/SFU participation)	Conference room A
9.00-12.00	Issue: «Modernization of higher professional education system»	Conference room B

COMPANIES PRESENTATIONS
Exhibition Hall №1**September, 4, Wednesday**

14.50-15.20	UC RUSAL presentation
15.20-15.50	Polyus Gold Ltd. presentation

September, 5, Thursday

10.40-11.10	Outotec presentation
11.10-11.40	Nalco-An Ecolab Company presentation
13.00-13.30	Hanzhou New Time Valve Co., Ltd presentation
13.30-14.00	Claudius Peters Projects GmbH presentation
15.20-15.50	Shandong Jingjin Environmental Protection Equipment Co., Ltd presentation
15.50-16.20	Weir Minerals Netherlands b.v. presentation

September, 6, Friday

13.00-13.30	Putzmeister Solid Pumps GmbH presentation
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PLENARY SESSION
«ICSOBA-ALUMINIUM OF SIBERIA»

September 4, Wednesday

Conference Hall

Chairmen: Prof. P. V. Polyakov, F. R. Feret, A. V. Panov, V. Yu. Buzunov

Time	Title	Authors	Company
11.00	UC RUSAL – Innovation in technology and development	<i>Victor Mann</i>	UC RUSAL
11:20	The importance of fundamental understanding for high amperage high performance cell operation	<i>Barry Welch</i>	Consultant
11.40	Aluminium Industry of Russia – a historic overview	<i>Peter Polyakov</i> <i>Victor Mann</i>	Siberian Federal University
12.00	Developments and future of the bauxite, alumina and aluminium industry in China	<i>Li Wangxing</i>	Zhengzhou Research Institute of CHALCO
12.20	Developments in the global bauxite, alumina and aluminium industry	<i>Yanchen Wang</i>	CRU
12.40-13.40	LUNCH. Sponsor – Bilfinger Water Technologies		
13.40	Trends in Global Aluminium Industry	<i>Halvor Kvande</i>	Consultant
14.00	50 years of ICSOBA	<i>Frank R. Feret</i>	ICSOBA
14.20	50 years history of ICSOBA: the alumina production	<i>Gyögy (George) Bánvölgyi</i>	Bán-Völgy Limited Partnership
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polyus Gold Ltd.		
15.50	History of the ICSOBA. Bauxite: geology and mining	<i>George Komlossy</i>	Geokom
16.10	50 years of ICSOBA: A historical review of aluminium reduction technology papers	<i>Michel Reverdy</i>	Dubai Aluminium
16.30	Recycling – an important part of the aluminium story	<i>Katy Tsesmelis</i>	International Aluminium Institute

PLENARY SESSION
«MINGEO – NON-FERROUS AND RARE METALS PRODUCTION»

September, 4, Wednesday

Big Hall in the Exhibition Hall №3

Chairmen: Prof. G. L. Pashkov, Prof. A. G. Ehanin

Time	Title	Authors	Company
11:30	Traced elements and technologies summary	<i>G. L. Pashkov</i>	Institute of Chemistry & Chemical Technology SB RAS
12.10	The raw material sources of the Krasnoyarsk region	<i>A. G. Ehanin,</i> <i>I. I. Kurbatov,</i> <i>D. A. Ehanin</i>	Krasnoyarsk region Department of Mineral Resources (Krasnoyarsknedra)
12.30-13.30	LUNCH. Sponsor – Bilfinger Water Technologies		
13.30	Study into material composition and technological properties of rare metal ores of Chuktukonskoye deposit	<i>V. I. Kuzmin,</i> <i>D. V. Kuzmin,</i> <i>A. M. Zhizhaev</i>	Institute of Chemistry & Chemical Technology SB RAS
13.50	Current technologies mineral resources development in Siberia	<i>S. V. Ivanov</i>	SET
14.10	Modern pyrometallurgical technologies of heavy nonferrous metals raw materials processing	<i>V. S. Chekushin,</i> <i>N. V. Oleinikova</i>	Siberian Federal University

14.30-15.00	The revival of rare metals research in Freiberg/ Germany	<i>Oliver Zeidler</i>	Helmholtz Institute Freiberg for Resource Technology
15.00-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polus Gold Ltd.		

ALUMINA PRODUCTION SECTION

September, 4, Wednesday

Middle Hall

Chairmen: A. V. Panov (UC RUSAL, Russia), V. M. Sizyakov (National Mineral Resources University «Mining», Russia), Brancalho W. (Hatch, Brazil)

Time	Title	Authors	Company
BAYER PROCESS			
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polys Gold Ltd.		
15.30	Implementation of a Closed Circuit Mill at CBA Alumina Refinery	<i>Roberto Seno Junior Rodrigo Moreno</i>	VotorantimMetals / CBA
15.50	Bauxite slurry digester feed pumping	<i>Ted Beekman, Jack Kuenen</i>	Weir Minerals
16.10	Three-phase flashing flow	<i>Tran Quoc-Khanh</i>	Hatch Associates Ltd
16.30	Specifics of orifice design for the flash tanks of the autoclave trains processing hardly recovered bauxites	<i>I. Domanskiy, I. Davydov, V. Borovinskiy, M.N. Malofeev</i>	RUSAL ETC
16.50	High Capacity Tube Digestion Technology reduces Capital and Operating Costs for Refineries	<i>Brady Haneman Dr John Gorst Maureen O'Connor</i>	Hatch Associates Ltd
17.10	Study leaching of concentrate Bauxite in the presence of calcium oxide	<i>O.A. Dubovikov, V.M. Sizyakov, E.V. Sizyakova N. V. Nikolaeva</i>	National Mineral Resources University
17.30	Prolong Lifetime of Slurry Valves for Alumina Production Process	<i>Rengen Tao</i>	Hangzhou New Time Valve Co.,Ltd
18.00	Departure to the River station		
18.30	Yenisei River Trip. Dinner sponsored by R&D Carbon		

ALUMINA PRODUCTION SECTION

September, 5, Thursday

Middle Hall

Chairmen: A. V. Panov (UC RUSAL, Russia), V. M. Sizyakov (National Mineral Resources University «Mining», Russia), Brancalho W. (Hatch, Brazil)

Time	Title	Authors	Company
BAYER PROCESS			
8.30	Mathematical Model of Suspending Different Slurries of Alumina Production in Apparatus with Multiple Mixers	<i>I. V. Davydov, M. N. Malofeev, V. P. Borovinskiy, I. V. Domanskiy</i>	RUSAL ETC
8.50	Optimization of alumina production at Kamesnk Uraslky Alumina refinery within conversion to processing of 100% Middle Timan bauxite	<i>A. A. Nifontov, E. V. Pustynnykh, A. V. Perestoronin</i>	«SUAL», affiliate «JAZ-SUAL»

9.10	Alclar® 3000; Development of new flocculants with extended washer performance	<i>Richard Macoun, Alexej Michailovski, Stephen Adkins</i>	BASF Australia
9.30	Filtration of hot slurries with Hi-Bar Filtration	<i>Reinhard Bott, Thomas Langeloh, Juergen Hahn</i>	BOKELA GmbH
9.50	Hatch – ETI Precipitation Modeling	<i>D. R. Chinloy E. Stamatiou, B. Celikel, M. Kayaci, E. Savkilioglu</i>	Hatch Ltd
10.10	Advances in Al-Hydrate Filtration	<i>J. Hahn, Reinhard Bott, Thomas Langeloh</i>	BOKELA GmbH
10.30- 11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		
11.40	The Gas Suspension Calciner Technology for Alumina + 25 Years of Options and Experience	<i>Benny E. Raahauge</i>	FLSmidth
12.00	Calcination – The Decisive Step for Alumina Quality	<i>Dr. Linus Perander Cornelis Klett, Michael Missalla, Hans-Werner Schmidt</i>	Outotec
12.20	Experimental Research on Desulfurization and Desilication of Sulfur Low Grade Bauxite	<i>Wanchao Liu, Sumin Li, Xiangqing Chen</i>	Zhengzhou Research Institute of Chalco
12.40	Conversion processing of gypsum wastes	<i>V. M. Sizyakov, V. N. Brichkin, B. V. Levin, E. E. Gordyushenkov</i>	National Mineral Resources University
13.00	Outline of Jingjin Group and application fields of Jingjin filter presses	<i>Yi Lu</i>	Shandong Jingjin Environmental Protection Equipment Co., Ltd
13.00- 14.00	Presentation of companies: Hanzhou New Time Valve Co., Ltd Claudius Peters Projects GmbH		
13.20- 14.20	LUNCH		
RED MUD			
14.20	Harmless treatment and utilization of bauxite residues in China	<i>Wanchao Liu</i>	ZRI
14.50- 15.10	Bauxite Residue Partial Neutralisation via Mud Farming	<i>Damien Clancy</i>	Aughinish
15.20- 16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Environmentally Friendly bauxite residue dry disposal at Nikolaev Alumina Refinery	<i>O. L. Lipatov</i>	Nikolaev Alumina Refinery
16.40	Preliminary evaluation of a constructed wetland for treating alkaline red mud leachate at Aughinish, Ireland	<i>Ronan Courtney Teresa Curtin, Liam Fleming, Rachel Buckley</i>	University of Limerick, Ireland
17.00	Biological aspects of in situ remediation of bauxite residue	<i>Talitha Santini Lesley A. Warren</i>	School of Geography and Earth Sciences, McMaster University
17.20	Filtration of red mud under pressure	<i>N. V. Nikolaeva, V. N. Brichkin, A. A. Besedin, D. V. Fedoseev</i>	National Mineral Resources University
17.40	Filtration and washing of bauxite residue using a vertical filter press	<i>Antti Häkkinen Teemu Kinnarinen, Boguslaw Lubieniecki, Lloyd Holliday</i>	University of Technology, Lappeenranta, Finland

18.00-20.00	ICSOBA Meeting (Conference Hall)
18.00	City tour

ALUMINA PRODUCTION SECTION

September, 6, Friday

Middle Hall

Chairmen: A. V. Panov (UC RUSAL, Russia), V. M. Sizyakov (National Mineral Resources University «Mining», Russia), Brancaloni W. (Hatch, Brazil)

Time	Title	Authors	Company
RED MUD			
9.00	High Efficiency in Red Mud Filtration and NaOH recovery with Automatic Filter press	<i>Sergey Skripin,</i> <i>Davide Collini</i>	Bilfinger Water Technologies
9.20	A quantitative evaluation of pressure filtration, cake conveying and dry stacking alternatives for red mud dewatering at an Existing Red Mud disposal site	<i>Manfred Bach,</i> <i>Patrick Jay,</i> <i>Quentin Avery,</i> <i>Benny Raahauge,</i> <i>Christian Trulsson</i>	FLSmidth
9.40	Latest evolutions on research on bauxite residue and opportunities for the future	<i>Y. Pontikes</i> <i>T. Balomenos,</i> <i>M. Schlaf,</i> <i>K. Larsson,</i> <i>Z. Sun,</i> <i>D. Panias,</i> <i>G. N. Angelopoulos,</i> <i>K. Binnemans,</i> <i>P. T. Jones,</i> <i>B. Blanpain</i>	KU Leuven, Belgium
10.00	Industrial Experience of lime dealkalisation of red mud at Kamensk Uralsky Aluminium Smelter	<i>A. N. Fedyaev,</i> <i>A. V. Panov,</i> <i>A. G. Suss,</i> <i>M. A. Perestoronina,</i> <i>S. N. Gorbacheva</i>	RUSAL ETC, «SUAL», affiliate «UJZ-SUAL»
10.20	Break		
10.40	Prospects of application of acidic processes to extract rare earths and scandium from red mud	<i>O. V. Petrakova,</i> <i>G. N. Klimentenok,</i> <i>A. V. Panov,</i> <i>A. V. Nechaev,</i> <i>A. B. Kozyrev</i>	RUSAL ETC,
11.00	Leaching Of Aluminum Hydroxide From Alumina Production Sludge	<i>S. P. Yatsenko,</i> <i>L. A. Pasechnik,</i> <i>A. V. Vailert,</i> <i>I. N. Pyagai,</i> <i>V. L. Kozhevnikov</i>	Institute of Solid State Chemistry, Russian Academy of Sciences, Ural Branch
11.20	Solution for usage of Achinsk Alumina plant's wasters	<i>I. I. Shepelev,</i> <i>R. Y. Dashkevich,</i> <i>V. A. Matvienko,</i> <i>V. A. Kozhevnikov,</i> <i>I. I. Rebrik,</i> <i>N. P. Mukhin</i>	EKO-Engineering
11.40	Waste to wealth: Production of ferro nickel from red mud and nickel spent catalyst blend	<i>B. Bhoi,</i> <i>P. S. Mukherjee,</i> <i>C. R. Mishra,</i> <i>B. K. Mishra</i>	CSIR-IMMT, India
12.00-13.00	LUNCH		
13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		

ALTERNATIVE ORES AND PROCESSES			
13.00	Alumina production from nepheline raw materials	<i>Sergey Gorbachev</i>	RUSAL ETC
13.20	Use of brown coal at the sintering area of alumina refinery	<i>Dmitri Finin, S. Gorbachev, M. Kravchenia</i>	RUSAL ETC
13.40	Dry Sintering of Nepheline – A new, more energy efficient technology	<i>Sine Bøgh Skaarup, Yu. A. Gordeev, V. V. Volkov, V. M. Sizyakov</i>	FLSmidth
14.00	Improving of technical-and-economic values of alumina industry using new way of bauxite raw material processing - low-temperature sintering	<i>S. F. Ordon, I. V. Loginova, V. A. Lebedev</i>	«SUAL», affiliate «BAZ-SUAL»
14.20	Behavior of Various Al-Si Minerals within Acidic Leaching of Non-Bauxite Raw Materials of Siberia	<i>A. G. Suss, A. A. Smirnov, A. A. Damaskin, A. S. Senyuta, I. V. Paromova, A. V. Panov</i>	RUSAL ETC
14.40	Break		
15.00	Innovative Alkaline Method of Integrated Processing of Aluminosilicate Raw Material	<i>A. T. Ibragimov, S. V. Budon, A. P. Markov, M. V. Fatyushin</i>	«Aluminium of Kazakhstan» JSC
15.20	Carbonizer of new generation	<i>I. V. Davydov, M. N. Malofeev</i>	RUSAL ETC
15.40-16.00	Prospects for application of high-speed metallurgy methods in processing of Sillimanite group minerals into alumina and aerosil	<i>A. D. Kustov, O. G. Parfenov, R. A. Zakirov, L. A. Soloviev, S. N. Vereshchagin</i>	ICCT
17.30	Departure to Closing Ceremony		
18.00	Congress and exhibition Closing Ceremony, Dinner		

ALUMINIUM REDUCTION TECHNOLOGY SECTION

September, 4, Wednesday

Conference Hall

Chairmen: Prof. P. V. Polyakov, V. Yu. Buzunov

Time	Title	Authors	Company
16.40	Energy and mass balance in DX+ cells during amperage increase	<i>Abdalla Al Zarouni, Lalit Mishra, Nadia Ahli, Marwan Bastaki, Amal Al Jasmi, Alexander Arkhipov, Vinko Potocnik</i>	Dubai Aluminium
17.00	Successful implementation of amperage increase to 380 kA in DX cells at DUBAL and EMAL	<i>Michel Reverdy Abdalla Al Zarouni, Walid Al Sayed, Antony Joseph, Jean-Luc Faudou, Qassim Galadari, Ali Al Zarouni</i>	Dubai Aluminium
17.20	Magnetohydrodynamic and bubbles driving forces impact on dispersion and convection of alumina in the bath of an Hall-Hérault cell	<i>René von Kaenel Jacques Antille, Michel Romero, Olivier Besson</i>	KAN-NAK Ltd., University of Neuch tel

17.40	Development and test of prebaked anodes technology for modernization of electrolysis cells C-2, C-3 at JSC «RUSAL Novokuznetsk»	<i>V. V. Pingin, A. S. Zherdev, M. E. Kazantsev, Ya. A. Tretiakov, E. Yu. Radionov, Yu. V. Bogdanov</i>	RUSAL ETC
18.00	Departure to the River station		
18.30	Yenisei River Trip. Dinner sponsored by R&D Carbon		

ALUMINIUM REDUCTION TECHNOLOGY SECTION

September, 5, Thursday

Conference Hall

Chairmen: Prof. P. V. Polyakov, V. Yu. Buzunov

Time	Title	Authors	Company
8.40	Application of energy saving technology for aluminum reduction with Novel structure cathodes	<i>Feng Naixiang, Peng Jianping, Wang Yaowu, Di Yuezhong, Gong Xiaofeng</i>	School of Materials and Metallurgy, Northeastern University, Shenyang
9.00	Power Consumption Reduction during Al Production in RUSAL's Potrooms	<i>V. Kh. Mann, V. Yu. Buzunov, N. N. Pitertsev, V. V. Chesnyak</i>	RUSAL ETC
9.20	Development and tests of energy efficient designs of electrolysis cell	<i>G. V. Arkhipov, V. V. Pingin, E. R. Shaidullin</i>	RUSAL ETC
9.40	Electric preheating of the RA-400 Cell	<i>A. V. Zavadyak, I. I. Puzanov, A. V. Darkin, Ya. A. Tretyakov, M. M. Morozov, A. A. Gubin, Ye. Ya. Gibert, V. V. Platonov</i>	RUSAL ETC
10.00	Investigation into performance of the C-8BME cell with modernised three risers bus bar	<i>E. Yu. Radionov, V. V. Platonov, A. V. Mukhanov, Ya. A. Tretiakov, V. V. Pingin, A. A. Pinaev</i>	RUSAL ETC
10.20	Economic benefit estimation of «hot» anodes setting into an electrolytic cell	<i>A. A. Soldatov, Yu. V. Kulakov, D. A. Gulov</i>	RUSAL
10.40-11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		
11.40	Hardness and crushability of the smelter crust	<i>Tania Groutso, Mark Taylor, A. K. Hudson, J. B. Metson</i>	University of Auckland, New Zealand
12.00	The Impact of Alumina Quality on the Performance of Smelting	<i>V. Yu. Buzunov, T. D. Pecherskaya, A. S. Tayanchin, V. V. Chesnyak</i>	RUSAL ETC
12.20	The effect of anode-cathode distance on the electrical bath resistivity in aluminium electrolysis with inert anodes	<i>Stanislaw Pietrzyk</i>	AGH-University of Science and Technology
12.40	An alternative way of evaluating the specific electric resistance of the bath and forecasting the cryolite ratio	<i>A. V. Zavadyak, I. I. Puzanov, V. A. Klykov</i>	RUSAL ETC

13.00-14.00	Presentation of companies: Hanzhou New Time Valve Co., Ltd Claudius Peters Projects GmbH		
13.00	LUNCH		
14.00	Impacts of physical and chemical properties aluminum fluoride on its solubility in the aluminium reduction cell	<i>V. M. Sizyakov, A. N. Khrapkova, A. A. Vlasov, V. Yu. Bazhin</i>	National Mineral Resources University
14.20	A Way to Explain Non-Anode Effect PFC Emissions.	<i>Iomar Thonstad Sverre Rolseth, Rudolf Keller</i>	Norwegian University of Science and Technology
14.40	Main Trends in Development of Standardization of Atmospheric Pollutions in Global Practice and in Russian Federation	<i>Vladimir Burkat, Romela Mhchan, I. I. Rebrik, A. G. Bernyatski</i>	RUSAL ETC
14.55	Using vacuum technology to solve and control spillages in aluminium smelters	<i>StefSep</i>	Hencon
15.10	Is there a possibility to obtain stable wettable cathode on the base of TiB ₂ ?	<i>V. V. Ivanov, I. A. Blokhina, A. A. Chernousov</i>	Siberian Federal University
15.25-16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Low-temperature TiB ₂ synthesis	<i>V. V. Ivanov, I. A. Blokhina, Shao Wenzhu</i>	Siberian Federal University, Harbin Polytechnical Institute
16.35	Technology Development of the Aluminium-Wettable Coating by Electrodeposition Method from Cryolitic Melt	<i>E. S. Gorlanov, G. V. Arkhipov, A. M. Ivanova</i>	RUSAL ETC, NTC Etler
16.55	Aluminium-Wettable Coating On the Carbon-Titanium Cathode Laboratory stage of technology development	<i>E. S. Gorlanov, G. V. Arkhipov, A. M. Ivanova</i>	Expert-Al Ltd.
17.15	Modification of a method for testing SiC blocks	<i>Yu. G. Mikhalev, A. V. Proshkin, L. A. Isaeva, P. V. Polyakov, A. A. Filonenko</i>	RUSAL ETC, Siberian State University
17.35	Study of Determination of Gas Removal Efficiency by Hoods of PB Cells	<i>Vladimir Burkat, Denis Merkulov, Kirill Zorko, Natalia Zorko</i>	RUSAL ETC
18.00-20.00	ICSOPA Meeting (Conference Hall)		
18.00	City tour		

ALUMINIUM REDUCTION TECHNOLOGY SECTION

September, 6, Friday

Conference Hall

Chairmen: Prof. P. V. Polyakov, V. Yu. Buzunov

Время	Title	Authors	Company
12.50	Improvement of the domed gas collection system at S-8BME cells	<i>A. M. Vinogradov, A. A. Dekterev, P. A. Neobyavlyayushchiy, Ar. A. Dekterev, A. A. Pinaev, D. A. Vinogradov, A. V. Puzin, V. G. Shadrin, K. A. Gribkov</i>	RUSAL ETC, SFU

13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.10	Laboratory and Plant Measurements on Anode Process in Aluminium Electrolysis	<u>Janos Horvath</u>	Aluminium 2000 Ltd. Hungary
13.30	Some researches on Al electrolysis with inconsumable anodes performed in the institute of high-temperature electrochemistry	<u>O. Y. Tkacheva,</u> <u>A. A. Red'kin,</u> <u>V. A. Kovrov,</u> <u>A. V. Suzdal'tsev,</u> <u>A. P. Khramov,</u> <u>Yu. P. Zaikov,</u> <u>V. M. Chumarev</u>	Institute of High-Temperature Electrochemistry of the Ural Branch of the Russian Academy of Sciences
13.50	The Low-spent anode on the metal basis in aluminum production	<u>V. A. Kryukovsky,</u> <u>V. Yu. Bazhin,</u> <u>A. A. Vlasov</u>	National Mineral Resources University
14.10	Lining materials of cathode shell of aluminum electrolytic cells	<u>V. V. Bulin,</u> <u>V. V. Skurikhin</u> <u>O. S. Fedorova,</u> <u>S. I. Gershkovich</u>	Borovichi Refractories Plant
14.30	Cathode lining materials and solutions of SGL GROUP	<u>Tomasz Oracz</u>	SGL Group
14.50-15.10	Break		
15.10	The influence of inlets on the natural ventilation of potrooms in moderate and cold climates	<u>Niek Menting</u>	Colt International BV
15.30	Resources of the accurate control of electrolyte composition for the current efficiency increasing	<u>I. S. Yakimov,</u> <u>S. D. Kirik</u>	Siberian State University
15.50	Separation technology in primary and secondary production, treatment and recycling aluminium to increase effectiveness and purity	<u>Jens Oehlschlaegel,</u> <u>Marek Chochol</u>	STEINERT Elektromagnetbau GmbH
16.10	New technology of high effective aluminium master alloys production	<u>B. P. Kulikov,</u> <u>P. V. Polyakov,</u> <u>V. E. Zheleznyak,</u> <u>Yu. N. Popov,</u> <u>O. N. Popova,</u> <u>V. V. Somov</u>	BaikAL
16.30	Successful Commissioning of Fume Treatment Centers	<u>Peter Klut,</u> <u>Erik Dupon,</u> <u>Edo Engel</u>	Danieli Corus, the Netherlands
16.45	Test results of desalinization technology out of gas purification solutions by galvanic coagulation method	<u>S. G. Shakhrai,</u> <u>V. S. Osipenko,</u> <u>V. V. Korostovenko,</u> <u>I. I. Rebrik,</u> <u>A. V. Belyanin,</u> <u>R. A. Badrtdinov</u>	Siberian Federal University
17.30	Departure to Closing Ceremony		
18.00	Congress and exhibition Closing Ceremony, Dinner		

Poster Section

New combined X-ray diffraction and X-ray fluorescence approach for the technology control in the aluminum industry	<u>O. E. Piksina,</u> <u>P. S. Dubinin,</u> <u>S. D. Kirik,</u> <u>I. S. Yakimov,</u> <u>J. N. Zaitseva,</u> <u>A. N. Zaloga</u>	Siberian Federal University
Automated determination of bath ratio by standardless XRD method of the evolutionary full-profile phase analysis	<u>A. N. Zaloga,</u> <u>I. S. Yakimov</u>	Siberian Federal University
Recovery of waste heat as competitive advantage of aluminum production at Krasnoyarsk Aluminum Smelter	<u>V. Danilov,</u> <u>P. Polyakov</u>	Siberian Federal University

BAUXITES SECTION

September, 6, Friday

Big Hall

Chairmen: Alexander Suss (RUSAL ETC), George Komlossy (Geokom, Hungary)

Time	Title of paper	Speaker	Organization
9.00-12.00	EXHIBITION		
12.00-13.00	LUNCH		
13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.00	In Memoriam Bárdossy György	<i>George Komlossy</i>	Geokom, Hungary
13.20	Cost and energy efficient hydrotransport by Multisafedouble-hose-diaphragm pumps	<i>Rudolf Gänsel</i>	FELUWA Pumpen GmbH
13.40	Peculiarities of Elemental Sulfur Behavior in Bayer Process	<i>Alexander Suss, Marina Perestoronina</i>	RUSAL ETC
14.00	Investigation in conditioning of Middle Timan bauxites	<i>V. M. Sizyakov, O. A. Dubovikov, V. N. Brichkin, N. V. Nikolaeva</i>	National Mineral Recourses University
14.20	Laser-Induced Breakdown Spectroscopy Online Analyzer for process control: potential in bauxite, alumina and aluminum industry	<i>Michael Gaft, Alexander Barishnikov</i>	Laser Distance Spectrometry, Israel
14.40	BREAK		
15.00	Reduction Of Residual Moisture Of The Dewatered Bauxite Through Air Heating And Increase Of The Cake Drying Angle	<i>Marcelo Miranda de Castro, Elke Samanta, Alex Pinheiro, Gilvan Pereira, Gilberto Cardoso, Derildo Souza</i>	Hydro Alunorte
17.30	Departure to Closing Ceremony		
18.00	Congress and exhibition Closing Ceremony, Dinner		

CARBON AND CARBON MATERIALS SECTION

September, 4, Wednesday

Big hall

Chairmen: Prof. B. N. Kuznetsov, ICCT; Prof. E. A. Yanko; Markus Meier, Dr. (R&D Carbon Ltd.)

Time	Title of paper	Speaker	Organization
13:40	Paste production and its performance in Soderberg smelters	<i>Markus Meier and Raymond Perruchoud</i>	R&D Carbon Ltd
14:10	On Compatibility Of Petroleum Cokes And Alternative Binders	<i>V. K. Frizorger, E. N. Marakushina</i>	RUSAL ETC
14:30	New grinding concept for calcined petcoke with vertical ball race mill to improve the quality of the anodes.	<i>Yaroslav Gavrylenko, Stefan Gosau</i>	Claudius Peters Projects GmbH
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polyus Gold Ltd.		
15.50	Construction of Taishet Anode factory in Russia (process, environment, economic efficiency)	<i>Yu. A. Frantsev</i>	RUSAL ETC
16.10	Screwteeth mill. Possibilities and perspective of application	<i>A. I. Stepanenko, A. A. Stepanenko</i>	Gormasheexport
16.30	Alternative method of controlling grain size composition, controlling dosage batching of the binder in relation to apparent density of the green anode	<i>K. Yu. Perminov</i>	RUSAL ETC
16.50	Possibility to make local repair of refractory walls of sintering kilns at RUSAL smelters	<i>A. V. Krasovitskiy, A. A. Soldatov, A. M. Guzenkov</i>	RUSAL ETC

17.10	Optimized pitch fume treatment for Anode Paste Plants	<i>Ioerg Papak</i>	Chemisch Thermische Prozesstechnik GmbH
17.30	Biospecific carbon sorbents of pathogenic particles: synthesis and physicochemical properties	<i>L. G. Pianova, A. V. Lavrenov, V. A. Likhobolov, A. V. Sedanova</i>	Institute of Hydrocarbons Processing of Siberian Branch Russian Academy of Sciences
18.00	Departure to the River station		
18.30	Yenisei River Trip. Dinner sponsored by R&D Carbon		

CARBON AND CARBON MATERIALS SECTION

September, 5, Thursday

Big hall

Chairmen: Prof. B.N. Kuznetsov, ICCT; Prof. E.A. Yanko; Markus Meier, Dr. (R&D Carbon Ltd.)

Time	Title of paper	Speaker	Organization
8.30	Improvement of the technology for reducing agents based on lignite and plant raw materials production	<i>B. N. Kuznetsov, I. P. Ivanov, N. V. Chesnokov</i>	ICCT
9.00	Production and application in non-ferrous metals industry the carbon sorbates	<i>N. V. Chesnokov, B. N. Kuznetsov</i>	ICCT
9.20	Influence of Anode Quality on Smelter Performance and Production Cost	<i>Markus Meier</i>	R&D Carbon Ltd
9.40	Anode paste plants. Innovative Solution for Optimum Emission Performances	<i>Pascal Mausset</i>	Fives Solios / Solios Environnement
10.00	Latest improvements and field experiences in the preparation of anode paste on Kneaders	<i>Jörg Kellermann</i>	Buss AG
10.20	One Step Treatment for the Removal of Dust, PAH and HF using Granulated Coke as a Scrubbing Agent	<i>Peter Klut</i>	DANIELI CORUS B. V.
10.40-11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		

Poster Section

Nº	Title of paper	Speaker	Organization
1	Analysis Of The Rotor And Stator Slots Rectangular Shapes Of The Multistage Hydropercussion Cavitation Device	<i>I. V. Mesheryakov, A. N. Anushenkov</i>	SFU
2	Plasma-chemical method of production of diamond and Al ₂ O ₃ powders	<i>G. N. Churilov, A. L. Kolonenko, I. A. Dubinina, I. V. Osipova, N. G. Vnukova, G. A. Glushchenko</i>	Institute of Physics

CASTING OF NON-FERROUS METALS AND ALLOYS SECTION

September, 5, Thursday

Conference room B in the Exhibition Hall N^o1

Chairmen: Prof. V. G. BABKIN, Siberian Federal University; Prof. V. N. TIMOFEYEV, Siberian Federal University; A. S. KATUSHONOK, director of Foundry Centre, RUSAL ETC LLC

Time	Title	Speaker	Company
9.00-17.00	Exhibition		
13.40	Innovating Aluminum as the Material of Choice & Challenges of Tomorrow's Cast Houses	<i>Dr. Martijn Vos</i>	UC RUSAL

PROGRAM

14.20	Comparative analysis of electric conductivity, thermal stability and processability of aluminum alloys based on Al-REM and Al-Zr systems	<i>N. A. Belov, A. N. Alabin, I. A. Matveeva</i>	UC RUSAL
14.40	Results of the tests of new lots of wires made from Al-Zr alloys on the cable plants	<i>L. P. Trifonenkov</i>	UC RUSAL
15.00	Development of cast aluminum matrix compositional materials for electrotechnical purposes	<i>V. G. Babkin, N. A. Terentiev, A. I. Cherepanov</i>	Siberian Federal University
15.20-16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Production of the complex modified addition for cement industry from the solid wastes of aluminium smelters	<i>B. P. Kulikov, V. A. Poluboyarov, V. E. Zheleznyak</i>	BaikAL
16.40	Microstructure defect analysis for and AlSi10 master alloys	<i>I. L. Fedotov, D.S. Ulyanov</i>	STROYBIS
17.00	A possibility of ultrafine modifier application in silumin casting production	<i>T. A. Bogdanova, A. V. Cheglakov, A. V. Ermolaev, O. Ju. Dorofeev V. A. Minyaev, G. A. Merkulova</i>	«K&K» Ltd.
17.20	Cast compositional material based on copper strengthened with carbide disperse particles	<i>A. I. Perfilieva, V. G. Babkin</i>	Siberian Federal University
17.40	Thermodynamic stability of chemical compounds in commercial aluminum	<i>A. I. Begunov, M. P. Kuzmin</i>	National Research Irkutsk State Technical University
18.00	City tour		

CASTING OF NON-FERROUS METALS AND ALLOYS SECTION

September, 6, Friday

Conference Room B in the Exhibition Hall № 1

Chairmen: Prof. V. G. BABKIN, Siberian Federal University, Prof. V. N. TIMOFEEV, Siberian Federal University, A. S. KATUSHONOK, director of Foundry Centre, RUSAL ETC LLC

Time	Title	Speaker	Company
9.00-12.00	Excursions: RUSAL Krasnoyarsk / Krasnoyarsk Non-Ferrous Metals Plant / Krasnoyarsk hydro power dam		
12.00-13.00	LUNCH		
13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.00	A projector to BN (Boron Nitride for coating application)	<i>ERARD Jean Pierre Marie Marcel</i>	Pyrotek Inc.
13.40	Electrotechnology and equipment for non-ferrous metals metallurgy	<i>V. N. Timofeev</i>	NPC MHD
14.00	Full cycle of innovative engineering for non-ferrous metals metallurgy	<i>S. A. Boyakov, V. N. Timofeev, A. G. Konyushenko, N. S. Bugaeva</i>	NPC MHD
14.20	MHD-melt agitators in the hold furnaces an ovens with transfersal mafnetic flow	<i>A. A. Avdulov, V. N. Timofeev, Yu. A. Avdulova, V. A. Shapovalov</i>	NPC MHD
14.40	Break		
15.00	Conductive MHD pumps for metallurgical purposes	<i>D. A. Mikhailov, V. N. Timofeev, A. A. Temerov, A. G. Konyushneko, I. S. Gudkov</i>	NPC MHD SFU

15.20	Ovens and holding furnaces for aluminium alloys production	<i>P. A. Homenkov, S. P. Timofeev</i>	NPC MHD
15.40	Technology of aluminum melt electromagnetic stirring with enhanced homogenization in chemical composition	<i>E. A. Golovenko, Yu. P. Salamatov, V. A. Goremykin, M. Yu. Hatsayuk, E. S. Kinev, A. S. Khronik</i>	Ontecom
16.00	Development of surface modification technology of non-ferrous and ferrous cast metals products	<i>T. R. Gil'manshina, L. I. Mamina, G. A. Koroleva, V. N. Baranov, A. I. Bezrukikh, S. I. Lytkina</i>	Siberian Federal University
16.20	The laboratory of dispersed, nano-structured, solid, viscous and colloidal materials	<i>L. I. Mamina, V. N. Baranov, A. I. Bezrukikh, E. M. Lesiv</i>	Siberian Federal University
16.40	Inductotherm. Modern technology and equipment for the production of non-ferrous metals and their alloys	<i>A. S. Prusov</i>	Inductotherm Ltd.
17.30	Departure to Closing Ceremony		
18.00	Congress and Exhibition Closing. Banquet		

Poster SECTION

Title	Speaker	Company
In-cast modification of grey iron. Influence of nano-sized modifying agents based on silicon carbide on crystallization and performances	<i>V. A. Poluboyarov, Z. A. Korotaeva, A. A. Zhdanok, V. A. Kuznetsov, A. A. Bataev, N. V. Stepanova</i>	Institute of Chemistry of Solids and Mechanical Chemistry
In-cast modification of grey iron. Influence of nano-sized modifying agents based on silicon carbide on crystallization and performances	<i>V. A. Poluboyarov, Z. A. Korotaeva, A. A. Zhdanok, V. A. Kuznetsov, Yu. V. Tsvetkov, A. V. Samohin, N. V. Alekseev, A. A. Bataev, N. V. Stepanova</i>	Institute of Chemistry of Solids and Mechanical Chemistry
In-cast modification of grey iron. Influence of nano-sized modifying agents based on silicon carbide on crystallization and performances	<i>V. A. Poluboyarov, Z. A. Korotaeva, A. A. Zhdanok, V. A. Kuznetsov, Yu. V. Tsvetkov, A. V. Samohin, N. V. Alekseev, A. A. Bataev, N. V. Stepanova</i>	Institute of Chemistry of Solids and Mechanical Chemistry
Development of production technology of cast jewelry palladium alloy of white color, Grade 950 and 900, without nickel aimed at increase in assortment of jewelry production	<i>I. V. Uskov, V. V. Moskvichev, D. I. Uskov, S. V. Belyaev, V. I. Anikina, A. I. Anikin</i>	Siberian Federal University
Development of technology of production of gold alloy of white color, grade 585, with application of palladium	<i>I. V. Uskov, V. V. Moskvichev, D. I. Uskov, S. V. Belyaev, A. V. Stolyarov</i>	Siberian Federal University

BIRONT'S MEMORY READINGS

September, 4, Wednesday

Conference Room B in the Exhibition Hall № 1

Chairman: Prof. V. P. ZHEREB, Siberian Federal University

Time	Title	Speaker	Company
11.00	Influence of heating temperature within painting on structure and properties of wheel rims made of AK12 alloy	<i>T. A. Bogdanova, G. A. Merkulova, P. S. Dubinin, T. V. Burylova</i>	Siberian Federal University
11.20	The influence of heat treatment on phase distribution in Al-Cu eutectic alloy	<i>V. I. Anikin, D. M. Burlutskaya, A. I. Anikin</i>	Siberian Federal University
11.40	Thermal processing of Al-Zr alloys in order to achieve preset properties of wire rod of electrotechnical purpose	<i>T. N. Drozdova, L. P. Trifonenkov, T. A. Orelkina, V. A. Bergardt</i>	Siberian Federal University
12.00	Structure formation of material obtained by processing of metals by pressing from copper and zinc chips	<i>V. I. Anikina, A. A. Kovaleva, N. N. Zagirov, A. I. Anikin</i>	Siberian Federal University
12.20	Influence of mechanical activation on alumina properties	<i>O. M. Yushkova, V. P. Zhereb, N. A. Babitskiy, T. I. Koryagina, T. A. Semerich</i>	Siberian Federal University
12.40	Influence of mechanical activation on surface topography of alumina particles	<i>O. M. Yushkova, E. N. Zhuravleva, T. A. Orelkina, M. M. Antonov, S. V. Ponomareva</i>	Siberian Federal University

THERMAL AND PRESSURE METAL TREATMENT SECTION

September, 4, Wednesday

Conference Room B in the Exhibition Hall №1

Chairmen: Prof. Yu. A. Gorbunov, SIAL ETC Ltd.; Prof. S. B. SIDELNIKOV, Siberian Federal University

Time	Title	Speaker	Company
13.30	Hysteresis phenomena at stick-slip mode of boundary friction	<i>A. V. Khomenko, I. A. Lyashenko, A. M. Zaskoka</i>	Sumskiy State University
13.50	Power saving thermal TACHTECH (Czech Republic) assemblies of new generation	<i>V. V. Korobeinikov</i>	TACHTECH RUS
14.10	Energy efficient inductive devices with intensive cooling system of closed type	<i>E. A. Golovenko, E. S. Kinev, V. A. Goremy`kin, G. S. Grishko, A. S. Khronik, D. V. Hokhlov</i>	Ontecom
14.30	Tool cooling systems in installations of metal's continuous moldig and injection-molding by Conform method	<i>Yu. V. Gorokhov, I. L. Konstantinov</i>	Siberian Federal University
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polyus Gold Ltd.		
15.50	Development of production of rolled products and cables made of aluminum alloys at Russian plants	<i>Yu. A. Gorbunov</i>	SIAL ETC Ltd.

16.10	Study into production of long-length semifinished products with various content of rare earth metals	<i>S. B. Sidelnikov, N. N. Dovzhenko, T. N. Drozdova, D. S. Voroshilov, A. P. Samchuk, S. L. Yakovlev</i>	Siberian Federal University
16.30	Main characteristics and prospects of development of aluminum alloys with high dispersion rate of doping element phases	<i>Yu. A. Gorbunov</i>	Siberian Federal University
16.50	Simulation of reciprocating rolling using Deform 3D complex	<i>Yu. F. Kurmachev, R. E. Sokolov, A. A. Vysotina</i>	Siberian Federal University
18.00	Departure to the River station / Reception «MINGEO – Non-ferrous, rare and noble metals»		
18.30	Yenisei River Trip. Dinner sponsored by R&D Carbon		

THERMAL AND PRESSURE METAL TREATMENT SECTION

September, 5, Thursday

Conference Room B in the Exhibition Hall №1

Chairmen: Prof. Yu. A. Gorbunov, SIAL ETC Ltd.; Prof. S. B. SIDELNIKOV, Siberian Federal University

Time	Title	Speaker	Company
9.00	Compositions Based On Fusible Alloys	<i>S. P. Yatsenko, V. M. Skachkov, T. I. Krasnenko, L. A. Pasechnik</i>	Institute of Solid State Chemistry UB RAS
9.20	Features of structure formation and properties within production of compositional wire of sortable chip wastes of copper and its alloys	<i>E. V. Ivanov, N. N. Zagirov, V. I. Anikina, A. A. Rogovoj</i>	Siberian Federal University
9.40	Study into mechanical properties of cast and wrought semifinished products of white gold alloy, Grade 585	<i>Yu. D. Gailis, N. N. Dovzhenko, S. B. Sidelnikov, E. V. Maltsev, S. V. Belyaev, E. A. Rudnitskiy, E. S. Lopatina, E. S. Leontyeva</i>	Siberian Federal University
10.00	Experimental study into structure and properties of pilot batch of wire made of red gold alloys, Grade 585	<i>S. B. Sidelnikov, N. N. Dovzhenko, E. S. Lopatina, O. S. Lebedeva, E. A. Pavlov, I. V. Uskov</i>	Siberian Federal University
10.20	Application of computer modeling in hot die forging of aluminium alloys	<i>I. L. Konstantinov, I. Yu. Gubanov, I. O. Astrashabov, N. Belan</i>	Siberian Federal University
10.40-11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		
11.40	Spraying Systems modern technology for non-ferrous metals	<i>Dr. Borchardt Folker</i>	Spraying Systems Rus LLC
12.30	LUNCH		
13.00-14.00	Presentation of companies: Hanzhou New Time Valve Co., Ltd Claudius Peters Projects GmbH		

MINERAL AND RAW MATERIALS SOURCES OF NON-FERROUS AND PRECIOUS METALS SECTION

September, 5, Thursday

Conference Room A in the Exhibition Hall №1

Chairmen: Prof. V. A. MAKAROV, Siberian Federal University; Prof. A. G. EHANIN, Department for Mineral Resources Management in the Krasnoyarsk Territory; Dr. Axel D. RENNO, Head of Ion Beam Analysis, Helmholtz-Institut Freiberg für Ressourcentechnologie; P. P. KURGAN'KOV, Krasnoyarsk Research Institute of Geology and Mineral Resources

Time	Title	Speaker	Company
9.00-17.00	Exhibition		
8.30	Future prospects of Verhneamyl'skogo gold mining cluster in Western Sayan	<i>T. Ya. Kornev, N. E. Zobov, D. A. Ehanin</i>	Krasnoyarsknedra
9.00	Features of geological structure of gold ore deposit Blagodatnoye in Yenisei ridge	<i>A. M. Sazonov, S. I. Leontiev, E. A. Zvyagina, T. V. Poleva, P. A. Tishin, Yu. V. Kolmakov M. V. Wulf N. A. Nekrasova</i>	Siberian Federal University
9.20	Tectonic-magmatic structures of western Siberian platform and capabilities of their ore content	<i>S. N. Prusskaya, Yu. R. Vasiliev</i>	Siberian Federal University
9.40	Mineralogical features of cubanite ores of Noril'sk type	<i>V. G. Mikheev, A. V. Mashukov, A. E. Mashukova, E. N. Zhuravleva, T. A. Vasyagina</i>	Siberian Federal University
10.00	Modern ion beam based analytical methods in resource analytics: workhorse and highly specialised applications	<i>Axel D. Renno, Daniel Hanf, Silke Merchel, Frans Munnik, Georg Rugel, Michael Wiedenbeck, René Ziegenrucker</i>	Helmholtz-Institute Freiberg for Resource Technology
10.20	Substitution in Natural Cu-Se-(Ti)-Minerals – Analytical Challenges and a Future as a System for Green Nanochemistry?	<i>Axel D. Renno, Thomas Schlothauer</i>	Helmholtz-Institute Freiberg for Resource Technology
10.40-11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		
12.00	Technological mineralogy of lead-zinc ores of Gorevskoye Deposit	<i>P. N. Samorodskiy, V. G. Mikheev V. I. Bragin, A. M. Zhizhaev</i>	Siberian Federal University
12.20	Potential gold-bearing clusters and ore-geochemical areas of North-Eastern slope of Yenisei ridge	<i>V. G. Fisenko, V. A. Makarov</i>	Siberian Federal University
12.40	Geological position of gold-bearing crusts of weathering of Dyubkoshskaya area (Yenisei ridge) and prospects of revealing of new objects	<i>A. A. Belozerova</i>	Siberian Federal University
13.00	LUNCH		
13.00-14.00	Presentation of companies: Hanzhou New Time Valve Co., Ltd Claudius Peters Projects GmbH		
14.00	Features of alluvial gold content in interfluvial area of Podkamennaya and Nizhnyaya Tunguska and prospects of revealing of ledge gold-containing ores	<i>V. A. Makarov, V. Z. Milman, L. N. Puzyreva</i>	Siberian Federal University

14.20	Potential noble metal ore content of nepheline ores and process products of alumina production of Siberia	<i>M. V. Vulf,</i> <i>A. M. Sazonov,</i> <i>S. I. Leontiev,</i> <i>E. A. Zvyagina,</i> <i>T. D. Shalisman,</i> <i>E. K. Yakovleva</i>	Siberian Federal University
14.40	Tectonites of Dyubkoshsky graben and their position in geochemical fields	<i>A. L. Skargovskiy,</i> <i>P. N. Samorodskiy,</i> <i>A. A. Belozero</i>	Siberian Federal University
15.00	Study into structural tectonic plan of territories based on azimuth analysis of lithogeochemical field of arsenic (case study of Yenisei gold-bearing province)	<i>S. M. Makeev</i>	Siberian Federal University
15.20-16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Problems of mining of non-ferrous metals and gold with preliminary beneficiation	<i>K. A. Shulgina,</i> <i>A. V. Konev,</i> <i>Zh. V. Mironova</i>	Siberian Federal University
16.40	The ocean mineral resources and prospects of their development	<i>S. F. Babayeva</i> <i>S. I. Andreev</i>	FSUE «VNIOkean-geologia named after I. S. Gramberg»
17.00	Possibilities of up-to-date analytical methods for investigation into rebellious ores	<i>N. F. Usmanova,</i> <i>V. I. Bragin,</i> <i>A. M. Zhizhaev,</i> <i>E. N. Merkulova</i>	Institute of Chemistry of Solids and Mechanical Chemistry
17.20	Centrifugal concentrating within beneficiation of ledge gold-containing or	<i>S. A. Antsiferova,</i> <i>O. N. Suvorova,</i> <i>V. F. Kargin</i>	Institute of Chemistry of Solids and Mechanical Chemistry
18.00	City tour		

MINERAL AND RAW MATERIALS SOURCES OF NON-FERROUS AND PRECIOUS METALS SECTION

September, 6, Friday

Conference Room A in the Exhibition Hall №1

Chairmen: Prof. V. A. MAKAROV, Siberian Federal University; Prof. A. G. EHANIN, Department for Mineral Resources Management in the Krasnoyarsk Territory; Dr. Axel D. RENNO, Head of Ion Beam Analysis, Helmholtz – Institut Freiberg für Ressourcentechnologie; P. P. KURGAN'KOV, Krasnoyarsk Research Institute of Geology and Mineral Resources

Time	Title	Speaker	Company
9.00-12.00	Excursions: RUSAL Krasnoyarsk / Krasnoyarsk Non-Ferrous Metals Plant / Krasnoyarsk hydro power dam		
11.30	Hydrazides as collecting reagents within flotation of impregnated copper-nickel ores	<i>S. M. Markosyan,</i> <i>L. I. Timoshenko,</i> <i>L. G. Chekanova,</i> <i>E. V. Baigacheva</i>	Institute of Chemistry of Solids and Mechanical Chemistry
11.50	Implementation of large-scale projects on development of non-ferrous metal deposits	<i>S. V. Ivanov,</i> <i>S. G. Fedorov</i>	Siberian Engineering and Technologies, JCS
12.00-13.00	LUNCH		
13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.20	Development and application of UAV for distant exploration and monitoring of open cast mining and prospecting in Siberian region	<i>V. A. Makarov,</i> <i>D. A. Bondarenko,</i> <i>I. V. Makarov,</i> <i>K. A. Shrainer</i>	Siberian Federal University
13.40	New approaches to beneficiation of impregnated platinum containing ores of Norilsk deposits	<i>L. S. Lesnikova,</i> <i>I. S. Demidenko,</i> <i>M. V. Kozhanova,</i> <i>G. G. Shilovskaya</i>	Norilsk Nickel Zapolyarye Affiliate

PROGRAM

14.00	Gravitational method in beneficiation of copper-molybdenum ores	<i>N. K. Algebraistova, A. S. Markova, E. A. Burdakova</i>	Siberian Federal University
14.20	Radial and thin-layer thickeners in ore beneficiation	<i>A. V. Bauman</i>	Gormasheexport
14.40	Break		
15.00	Screw-tooth crushers. Possibilities and challenges of application	<i>A. I. Stepanenko, A. A. Stepanenko</i>	Gormasheexport
15.20	Influence of bacterial-chemical preprocessing on flotation beneficiation of vallerite ores	<i>L. I. Timoshenko, Yu. L. Gurevich, S. M. Markosyan, G. N. Bondarenko</i>	Institute of Chemistry of Solids and Mechanical Chemistry
15.40	Study And Minimization Of Technogenic Industrial Loads On Regional Ecosystem	<i>N. V. Golovnykh, V. A. Verkhovina, K. V. Chudnenko, I. I. Shepelev</i>	Institute of Geochemistry SB RAS
16.00	Industrial facilities of germanium in lignite-bearing chalk downs of Kasskaya cavity (Yenisei area. Krasnoyarsk Region)	<i>D. G. Kozmin, L. N. Faleeva, A. N. Klushin</i>	Berezovsky mining department Ltd.
17.30	Departure to Closing Ceremony		
18.00	Congress and Exhibition Closing. Banquet		

Poster Section

Promising mineral resources of aluminum industry of Kazakhstan	<i>R. A. Abdulvaliev, E. A. Tastanov, S. V. Gladyshev, A. A. Antonenko, K. O. Beisembekova, L. M. Imangalieva</i>	Center of the Science about the Earth, Metallurgy and Concentration
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CURRENT TECHNOLOGIES OF MINERAL RAW MATERIALS EXTRACTION SECTION

September, 4, Wednesday

Conference Room A in the Exhibition Hall №1

Chairmen: Prof. A. G. EHANIN, Department for Mineral Resources Management in the Krasnoyarsk Territory;
Prof. V. I. BRAGIN, Siberian Federal University

Time	Title	Speaker	Company
14.00	Cleaning of mining and quarry waters. Removal of suspended matters	<i>K. A. Lyubich, A. V. Bauman</i>	Gormasheexport, CJSC
14.20	High-gradient magnetic separation. State-of-art and challenges of development	<i>A. A. Glumova, V. I. Bragin, I. I. Baksheeva, A. A. Kondratieva</i>	Siberian Federal University
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polyus Gold Ltd.		
15.50	Study into leaching of non-ferrous metals of technogenic facility using lignosulphonate solution as reagent	<i>A. G. Mikhailov, I. I. Vashlaev, M. Yu. Haritonova, M. L. Sviridova</i>	Institute of Chemistry of Solids and Mechanical Chemistry
16.10	Increase in efficiency of underground development of non-ore construction raw stuff	<i>G. S. Kurchin, E. P. Volkov, E. V. Zaitseva, A. K. Kirsanov</i>	Siberian Federal University
16.30	Studies into selection and composition of stowing pulps, grades KhTs, AKhTs with application of beneficiation tailings of Talnakh Beneficiation Plant	<i>A. N. Anushenkov, A. I. Golovanov, E. P. Volkov</i>	Siberian Federal University
18.00	Reception «MINGEO – Non-ferrous, rare and noble metals»		

NON-FERROUS AND RARE METALS PRODUCTION SECTION

September, 4, Wednesday

Big Hall in the Exhibition Hall № 3

Chairmen: Prof. G. L. Pashkov, Prof. V. I. Kuzmin, Prof. D. V. Drobot

Time	Title	Authors	Company
14.50-15.50	Break. Exhibition. Presentation of companies-sponsors: UC RUSAL Polyus Gold Ltd.		
15.50	Industrial applications of ion exchange in nonferrous metallurgy in China	<i>Ma Ling, Zhao Yingying, Zhao Qinsheng</i>	Central South University
16.20	Application of Vanyukov's process for treatment of complex planiferous ores of Chernogorskoye deposit	<i>A. N. Fedorov</i>	«Russian Platinum»
16.40	Hydrometallurgical method of copper anode slime processing	<i>S. A. Mastuyugin, R. S. Voinkov, M. A. Lastochkina</i>	«Uralelectromed»
17.00	Investigations into heap leaching of copper ores of Kazakhstan deposits on VNIItsvetmet pilot plant	<i>N. V. Sizikova, L. B. Kushakova, O. Yu. Brailko, E. V. Nehorosheva, A. M. Zinchenko</i>	The Eastern Mining-and-Metallurgical Research Institute for Nonferrous Metals
17.20-17.40	Improvement of physico-mechanical properties of cathode copper at Zapolyarye Affiliate of Norilsk Nickel in order to warranty the requirements of London Metal Exchange	<i>S. L. Kozlov, G. N. Dylko, E. V. Salimzhanova, A. I. Yuriev, E. V. Shulga</i>	Norilsk Nickel Zapolyarye Affiliate
18.00	Reception «MINGEO – Non-ferrous, rare and noble metals»		

NON-FERROUS AND RARE METALS PRODUCTION SECTION

September, 5, Thursday

Big Hall in the Exhibition Hall №3

Chairmen: Prof. G. L. Pashkov, Prof. V. I. Kuzmin, Prof. D. V. Drobot

Time	Title	Authors	Company
8.30	Redox processes in organic phase within cobalt extraction by mixtures of bis (2,4,4-trimethylpentyl-dithiophosphonic acid and octylamine	<i>N. A. Grigorieva, I. Yu. Fletlikh, G. L. Pashkov, L. K. Nikiforova</i>	Institute of Chemistry & Chemical Technology SB RAS
8.50	Implementation of extractive electrolysis of cathode cobalt in OAO Kolskaya GMK	<i>N. A. Shelestov, O. A. Homchenko</i>	Kolskaya GMK
9.10	Improvement of processing technology of copper-nickel concentrated products	<i>Yu. T. Melnikov, D. O. Krinitsyn</i>	Siberian Federal University
9.30	Estimation of nickel extraction efficiency within extraction and stripping with variation in activity of Cyanex 301 extracting agent	<i>V. I. Kuzmin, M. N. Leskiv</i>	Institute of Chemistry & Chemical Technology SB RAS
9.50	Binary extraction of lanthanide chlorides (III) with amine carboxylates and dialkyl-phosphates	<i>S. N. Kalyakin, V. I. Kuzmin, M. A. Mulagaleeva</i>	Institute of Chemistry & Chemical Technology SB RAS
10.10	Simulation of ion flows within electrolytic refining by particle method	<i>K. V. Mitin</i>	Siberian Federal University
10.40-11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Company		

11.40	Development of a technology for production and application of active nickel powder for cementation removal of copper ions nickel electrolyte	<i>O. V. Bolshakova, E. V. Salimzhanova, M. I. Ryabushkin, E. V. Danchenko, S. I. Zhilichkin</i>	Norilsk Nickel Zapolyarye Affiliate
12.00	Anion exchange synthesis of ceramic pigments based on nickel aluminate	<i>G. L. Pashkov, S. V. Saikova, M. V. Panteleeva, E. V. Linok, I. V. Korolkova</i>	Institute of Chemistry & Chemical Technology SB RAS
12.20	Periodicity of profile of unprocessed surface of large-size germanium crystals and their interrelation with crystallization kinetics	<i>I. A. Kaplunov, R. M. Grechishkin, A. I. Kolesnikov, S. A. Tretyakov</i>	Tver State University
13.00- 14.00	Presentation of companies: Hanzhou New Time Valve Co., Ltd Claudius Peters Projects GmbH		
13.00- 14.00	LUNCH.		
14.00	Metal bearing coals of Lensky basin – Sources of rare metals	<i>V. I. Kuzmin, V. N. Kuzmina, S. M. Kolesnikova, P. N. Kuznetsov</i>	Institute of Chemistry & Chemical Technology SB RAS
14.20	Development of technology of nickel refining production for OAO Kolskaya GMK based on chlorine leaching of nickel powder of tube furnaces	<i>M. I. Kalashnikova, S. L. Tsapakh, M. A. Pleshkov, B. E. Zatitsky</i>	OOO Institute Gipronickel
14.40	Selection of collective concentrated product of lead-zinc ores	<i>A. A. Glumova, V. I. Bragin, I. I. Baksheeva, A. I. Vashlaev</i>	Siberian Federal University
15.20- 16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Improvement of autoclave-oxidizing precipitation of iron in the form of basic sulfates from nickel-cobalt solution within sulfate leaching of copper-nickel matte at Norilsk Nickel Harjavalta Oy	<i>N.S. Kuznetsov, Esa Lindell, Virginie Suhonen, Eduard Jääskeläinen</i>	«Norilsk Nickel Harjavalta Oy»
16.40	Investigation into sulfidation kinetics of La, Gd, Y oxides	<i>A. V. Sotnikov, V. V. Bakovets., V. V. Sokolov, I. Yu. Filatova</i>	Institute of Chemistry & Chemical Technology SB RAS
17.00	Industrial integration of OAO Kolskaya GMK with Norilsk Nickel Harjavalta Oy	<i>S. I. Zhilichkin, M. N. Naftal</i>	Norilsk Nickel, «Norilsk Nickel Harjavalta Oy»
18.00	City tour		

NON-FERROUS AND RARE METALS PRODUCTION SECTION

September, 6 , Friday

Big Hall in the Exhibition Hall №3

Chairmen: Prof. G.L. Pashkov, Prof. V.I.Kuzmin, Prof. D.V. Drobot

Time	Title	Authors	Company
9.00- 12.00	EXCURSIONS: JSC RUSAL Krasnoyarsk aluminium smelter, JSC Krastsvetmet, Krasnoyarsk Hydro Power Dam		
12.00- 13.00	LUNCH		

13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.00	Refining of hydrolysis mother solutions by vacuum evaporation	<i>O. I. Podkopaev, E. A. Selina, V. P. Zhereb</i>	«Germany» Ltd
13.20	Application of top non-immersion blast for processing of concentrated products and non-ferrous products	<i>O. A. Vlasov, V. V. Mechev, N. Yu. Sergunova</i>	Siberian Federal University, STC«ECKMEN»
13.40	Inracompany transfer of technologies in the field of development of nickel refining processes at plants of GMK Norilsk Nickel	<i>M. N. Naftal, S. I. Zhilichkin, M. A. Cherepanova, Esa Lindell, Rauno Luoma, N. S. Kuznetsov, A. F. Petrov</i>	Norilsk Nickel, OOO Institute Gipronickel, «Norilsk Nickel Harjavalta Oy», Norilsk Nickel Zapolyarye Affiliate
14.00	Intensification of electric extraction of nickel in the flowchart of sulfate leaching of copper nickel matte	<i>A. I. Yuriev, S. B. Kotukhov, E. V. Shulga, O. V. Bolshakova</i>	Norilsk Nickel
14.20-14.40	BREAK		
14.40	Improved technology of sulfate leaching of high-copper nickel matte obtained in autogenic aggregates within melting of collective copper-nickel concentrated products	<i>M. N. Naftal, A. F. Petrov A. I. Yurev T. P. Saverskaya V. A. Shapovalov</i>	Norilsk Nickel ,Norilsk Nickel Zapolyarye Affiliate
15.00	Experimental data on application of aluminum subchloride for silicon production and synthesis of alloys and compounds based on aluminum, titanium, boron	<i>R.A. Zakirov, O.G. Parfenov</i>	Institute of Chemistry & Chemical Technology SB RAS
15.20	Experience of commercial implementation of autoclave processing of sulfide nickel-cobalt concentrated product Talvivaara at Norilsk Nickel Harjavalta Oy	<i>Eduard Jääskeläinen Tuomo Laukkanen Virginie Suhonen</i>	«Norilsk Nickel Harjavalta Oy»
15.40	Interaction between metal oxides and gaseous ammonia	<i>N. S. Perfilieva, G. A. Sorkinova, A. I. Ryumin</i>	Siberian Federal University
16.00	Possibilities of mechanical chemistry. Study into the SHS process in W-Ti-C for production of tungsten carbides WC and W ₂ C	<i>V. A. Poluboyarov, A. A. Zhdanok, Z. A. Korotaeva, V. A. Kuznetsov</i>	Institute of Chemistry of Solids and Mechanical Chemistry, OOO «Centrolit-C»
17.30	Departure to Closing Ceremony		
18.00	Congress and exhibition Closing Ceremony, Dinner		

Poster section

Nickel-containing copper as catalyst of methane conversion and reagent for high-temperature gas cleaning from sulfur	<i>V. V. Mechev, O. A. Vlasov, P. V. Mechev</i>	STC«ECKMEN», Siberian Federal University
Thermodynamic properties of oxide compounds CuO – R ₂ O ₃ (R ≡ La, Sm, Eu, Gd)	<i>L. T. Denisova, L. G. Chumilina, V. M. Denisov</i>	Siberian Federal University
Technology of stibium-based alloy processing	<i>A. I. Ryumin, N. V. Mironkina, N. V. Belousova</i>	Siberian Federal University

PRECISION METALS PRODUCTION

September, 5, Thursday

Small Hall

Chairmen: N. V. Belousova (Siberian Federal University), S. N. Mamonov (Krastsvetmet),
V. F. Borbat, (Omsk State University)

Time	Title	Speaker	Company
8.40	Investigation into operation efficiency of various foam suppressants within oxidation and sorptive leaching of flotation concentrated product of Blagodatnoye Deposit	<i>S. V. Drozdov,</i> <i>S. V. Astapchik,</i> <i>I. A. Proskuryakova,</i> <i>S. S. Minikh,</i> <i>I. D. Baranowsky</i>	Gold-Mining Company Polyus
9.00	Investigation into sorptive properties of a set of new sorbents on leaching products of Titimukhta ore	<i>S. V. Drozdov,</i> <i>S. V. Astapchik,</i> <i>V. S. Klimantsev,</i> <i>S. S. Minikh,</i> <i>I. D. Baranowsky</i>	Gold-Mining Company Polyus
9.40	Sorbet extraction of platinum and palladium by a modified carbon-mineral absorbent	<i>V. F. Borbat,</i> <i>L. N. Avdeeva,</i> <i>E. N. Pomutkina,</i> <i>M. S. Vakunova,</i> <i>T. A. Didenko</i>	Omsk State University
10.00	Processing of magnetic waste metal from gold-recovery plant	<i>N. S. Perfilieva,</i> <i>A. I. Ryumin,</i> <i>N. K. Algebraistova</i>	Siberian Federal University
10.20	Thermodynamic description of behavior of gold within autoclave oxidation of sulfide concentrated products	<i>I. V. Fomenko,</i> <i>Ya. M. Shneerson,</i> <i>M. A. Pleshkov,</i> <i>L. V. Chugaev</i>	OOO «SRC «Hydrometallurgy»
10.40- 11.40	Break. Exhibition. Presentation of companies-sponsors: Outotec Nalco-An Ecolab Companyreak		
11.40	The degree of oxidation of sulfides impact on recovery of gold from refractory ores	<i>S. Polezhaev,</i> <i>I. V. Fomenko,</i> <i>Ya. M. Shneerson,</i> <i>M. A. Pleshkov,</i> <i>M. V. Klementiev,</i> <i>L. V. Chugaev</i>	OOO «SRC «Hydrometallurgy»
12.00	Development of autoclave oxidation of Malomyr and Pioneer gold ores	<i>P. V. Zaitsev,</i> <i>S. I. Lyakh,</i> <i>Ya. M. Shneerson,</i> <i>A. Yu. Lapin,</i> <i>M. V. Klementiev,</i> <i>M. A. Pleshkov,</i> <i>I. V. Fomenko,</i> <i>L. V. Chugaev</i>	OOO «SRC «Hydrometallurgy»
12.40	Development of hydrometallurgical processing of copper sulfide concentrated products	<i>N. A. Kravchenko,</i> <i>Ya. M. Shneerson,</i> <i>A. Yu. Lapin,</i> <i>D. A. Lapshin</i>	OOO «SRC «Hydrometallurgy»
13.00	LUNCH		
14.00	Production of highly selective concentrated platinum metals from chloride solutions	<i>A. K. Ter-Oganesyants,</i> <i>N. N. Anisimova,</i> <i>E. F. Grabchak,</i> <i>A. V. Kelekhsaev,</i> <i>A. L. Kozhanov</i>	Norilsk Nickel Zapolyarye Affiliate
14.20	Beneficiation of concentrated products of noble metals in autoclaves	<i>O. V. Belousov,</i> <i>N. V. Belousova,</i> <i>A. I. Ryumin,</i> <i>R. V. Borisov</i>	ICCT

14.40	Study into coarsening of nanocrystalline metals of platinum group in argon atmosphere	<i>R. V. Borisov, O. V. Belousov, L. A. Irtyugo, S. M. Zharkov</i>	ICCT
15.00	Of using tungsten as a modifire for jewelry alloys	<i>E. A. Pavlov, A. A. Gushinsky, V. N. Efimov, E. V. Maltsev</i>	Krastsvetmet
15.20-16.20	Break. Presentation of companies-sponsors: Shandong Jingjin Environmental Protection Equipment Co., Ltd Weir Minerals Netherlands b.v.		
16.20	Master alloy granulation process optimization	<i>A. A. Gushinsky, E. A. Pavlov, V. N. Efimov, E. V. Maltsev,</i>	Krastsvetmet
16.40	Contact interaction of oxide melts based on Bi ₂ O ₃ with crucible materials	<i>L. T. Denisova, V. M. Denisov, D. O. Krinitsyn</i>	Siberian Federal University
17.00	Engineering of mixer devices for conditioning of highly viscous pulps in open tanks	<i>D. S. Moskalenko</i>	EKATO
17.20	Influence of xanthate, submicron particles and oxidation on hydrophobic-hydrophilic properties of sulfide mineral surface: X-ray photoelectron spectroscopy and in situ ACM/ACC	<i>A. A. Karacharov, M. N. Likhatsky, Yu. L. Mikhlin</i>	ICCT
17.40	New sorbent agent based on diphenylguanidine	<i>A. V. Golounin</i>	ICCT
18.00	City tour		

ECONOMICS, FINANCE, PROJECTS IN MINING AND METALLURGY SECTION

September, 6, Friday

Small hall

Chairmen: Prof. G. Ya. BELYAKOVA, Siberian Federal University,
T. V. TVERDOKHLEBOVA, Siberian Federal University

Time	Title	Speaker	Company
9.00	Welcome speech	<i>Beljakova G. Y.</i>	Siberian Federal University
9.20	Smart production at enterprises of mining and metallurgical industry	<i>G. Ya. Belyakova</i>	Siberian Federal University
9.40	Current technologies mineral resources development in Siberia	<i>S.V. Ivanov</i>	Siberian Engineering and Technologies, JSC
10.00	Enhancing competitiveness of domestic steel color with pre enrichment	<i>A. V. Konev, K. A. Shulgina, Zh. V. Mironova</i>	Siberian Federal University
10.20	The reorganization of state-owned enterprise with the release of social facilities	<i>D. M. Chernyatin</i>	Mining-Chemical Plant
10.40	Methodical approaches to economic estimation of steady development of mining and metallurgical holding	<i>I. A. Altushkin, Yu. A. Korol, A. E. Cherepovitsyn</i>	National Mineral Resources University
11.00	The approach to factors analyzing the technological efficiency of the Achinsk alumina combine	<i>V. F. Lapo, M. V. Kravchenko</i>	Siberian Federal University
11.20	Management of reliability of equipment: the main directions of the organization on the scope of MRO enterprises of mining and metallurgical complex	<i>M. S. Kuzmin, T. V. Tverdokhlebova</i>	Siberian Federal University
11.40	The role of information technology in the management of modern industrial enterprise	<i>D. A. Bekker</i>	Polyus

12.00-13.00	LUNCH		
13.00-13.30	Presentation of companies: Putzmeister Solid Pumps GmbH		
13.00	The economic component of the engineering education in contemporary Russia	<i>N. V. Okhlopkova</i>	Institute of Macroeconomical researches
13.20	The influence of transnational corporations on the market of non-ferrous metals	<i>A. V. Volyanskiy, M. V. Volyanskiy, G. Ya. Belyakova</i>	Siberian Federal University
13.30	Organizational innovation in the secondary production of mining and metallurgical industry	<i>O. A. Evstegneeva, G. Ya. Belyakova</i>	Siberian Federal University
13.40	Innovative technologies in the service of high-tech equipment	<i>D. N. Kapralov</i>	Mining-Chemical Plant
14.00	Justification of the number of maintenance personnel in non-ferrous metallurgy	<i>S. A. Kazakov, M. S. Kuzmin, T. V. Tverdokhlebova</i>	Siberian Federal University
14.20	Development of methodology for assessing the quality of innovative projects and the mechanism for its implementation within the steel industry of the regional innovation system	<i>N. A. Shishkin, G. Ya. Belyakova</i>	Siberian Federal University
14.40	BREAK		
15.00	Managing the development of the enterprise on a scale of «profit and financial stability» and forecasting financial and economic indicators of entrepreneurial activity	<i>O. M. Zotkov</i>	Siberian Federal University
15.20	Theoretical approaches to the assessment of the competitiveness of the mining and metallurgical complex	<i>T. P. Blashchyuk, G. Ya. Belyakova</i>	Siberian Federal University
15.40	The cluster form of organization of production of rare earth metals in the Krasnoyarsk region as a factor in the competitiveness of the regional economy	<i>E. A. Usova, G. Ya. Belyakova</i>	Siberian Federal University
16.00	Investment maintenance of metallurgical complex	<i>I. R. Ruyga</i>	Siberian Federal University
16.20		<i>A. Jasinski</i>	Siberian Federal University
17.30	Departure to Closing Ceremony		
18.00	Congress and Exhibition Closing. Banquet		