

# CALL FOR PAPERS

37<sup>th</sup> Conference & Exhibition **ICSOBA 2019** *and*

25<sup>th</sup> Conference & Exhibition **Aluminium of Siberia**

16 - 20 September 2019, Krasnoyarsk, Russia

Organized by:



In cooperation with:



RUSAL

**Bauxite, Alumina & Aluminium Industry in Russia  
and New Global Developments**



**56<sup>th</sup> Anniversary of ICSOBA**



# **INVITATION**

**Dear Colleagues,**

The International Committee for Study of Bauxite, Alumina & Aluminium (ICSOBA) has great honor to announce the 37<sup>th</sup> International Conference and Exhibition of ICSOBA. The event will be held in the Siberia hotel and exhibition complex in Krasnoyarsk, Russia from 16 to 20 September 2019 in cooperation with 25<sup>th</sup> “Aluminium of Siberia” Conference within XI International Congress & Exhibition “Non-Ferrous Metals and Minerals” (NFM). The host sponsor will be RUSAL.

## **Objectives of the Conference are to:**

- Review the status of bauxite, alumina and aluminium industries in the world with emphasis on Russia;
- Discuss promising research developments aimed at production, productivity and cost improvements;
- Highlight proposed Greenfield and Brownfield activities in the aluminium industry;
- Discuss advances in the field of environment and safety;
- Update market aspects of bauxite, alumina and aluminium and their products;
- Provide an excellent opportunity to interact with international experts, scientists, engineers, technology suppliers, equipment manufacturers and representatives of aluminium industries the world over;
- Facilitate university students meetings with industry representatives.

We look forward to seeing you at the ICSOBA 2019 in Krasnoyarsk.

## **Language:**

Presentations will be held in English or Russian with simultaneous translation, and PowerPoint presentations will be shown in both languages. All papers and presentations in English will be published.

## **Venue of the Conference:**

The conference will take place in Business Centre «Siberia», Aviatorov str., 19, Krasnoyarsk, Russia. Individual reservations may be requested directly using the Siberia hotel email at: [info@siberiahotel.ru](mailto:info@siberiahotel.ru). Please mention that it is for ICSOBA conference participant. No rooms are set for ICSOBA at the Siberia hotel. The rooms will be distributed on the first-come, first-served basis. Do not delay your room reservation.

## **RUSAL AND RUSSIAN ALUMINIUM INDUSTRY**

Birth of Russian aluminium industry took place in 1932 with the creation of Volkhov aluminium smelter near Leningrad. Since that time, over 10 alumina refineries and 15 aluminium smelters have been built in USSR / CIS countries using domestic and imported raw materials. The unique feature of Russian aluminium industry is that the absence of high quality local bauxites and strategic reasons led to creation of unique technologies to process domestic low-grade bauxites and non-bauxitic raw materials such as nepheline, clays and alunite. The nepheline technology is waste-free, allowing converting all ore components to useful products like soda ash and cement. There are also developments to extract scandium oxide, gallium and vanadium pentoxide while processing bauxites.

Russian Aluminium Company, RUSAL is now a leading global aluminium producer of primary aluminium and alloys. In 2017, UC RUSAL accounted for approximately 5.8 % of global production of aluminium and 6.3 % of alumina. UC RUSAL employs 61 000 people in 20 countries across 5 continents.

The Company's production chain is vertically integrated and begins at the bauxite and nepheline ore mines, then moves through the alumina refineries, the aluminium smelters and casting houses, the foil mills and ends at a packaging and wheel production centers.

One of the Company's main priorities is becoming a global leader in terms of aluminium production efficiency whilst still maintaining one of the lowest carbon footprints in the industry. To achieve this, UC RUSAL is investing in in-house R&D and is implementing RA-550 smelting technology and revolutionary inert anode technology, new technologies of alumina production and bauxite residue valorization. The Company is also developing new products, including new types of alloys and is upgrading its production facilities.

### **CALL FOR PAPERS**

The Organizing Committee is inviting the submission of papers. Abstracts and papers should be written in the ICSOBA 2019 Author Guidelines and Paper Template, the presentations should use ICSOBA 2019 Presentation Template, both available on the ICSOBA website.

Paper selection and review will be made by ICSOBA Technical Committee under the leadership of Program Director and Subject Organizers.

**Deadlines for abstracts, manuscripts and presentations:**

Abstract:	1 May 2019
Full paper:	15 June 2019
Presentation:	1 August 2019

The submission of abstracts, papers and presentations is managed by ConfTool which is customized for ICSOBA 2019 Conference. The access to ConfTool is via ICSOBA website <https://www.icsoba.org/submission-abstracts-and-papers>.

## ***SPEAKER PROGRAM***

**I. Sections within the joint ICSOBA - NFM program on 17 - 19 September:**

- Bauxite mining
- Alumina refining
- Bauxite residue
- Aluminium reduction technology
- Carbon materials
- Casting, deformation and recycling
- Additive technology

**II. Round-Table Discussions**

**III. Workshop on Alumina production by world recognized experts.**

**There will be additional sessions on mineral resources and metallurgy of other non-ferrous, rare and precious metals organised by NFM at the same time.**

## ***EXHIBITION***

During the Conference there will be a sizable (2160 m<sup>2</sup>) Exhibition of latest technologies, equipment and other devices for the aluminium industry. Companies can give a presentation at the Exhibition. The exhibitors' registration is available on the NFM Congress website: <http://nfmsib.com>.

## **TECHNICAL FIELD TRIPS**

The ICSOBA-2019 program provides for visiting Rusal plants on Friday, **20 September**:

- Achinsk alumina refinery;
- Krasnoyarsk aluminium smelter (including eco Soderberg potroom and foundry production);
- Khakas aluminium smelter (RA-550, casting production).

## **WELCOME RECEPTION AND MEALS**

Welcome Cocktail with drinks and light buffet will be on Monday, 16 September. The Gala Dinner will be on Tuesday, 17 September. Best Papers will be announced on Thursday, 19 September in the evening.

## **REGISTRATION**

The registration will be on Monday, 16 September and Tuesday, 17 September. Conference registration shall be done in advance that is managed by ConfTool which is customized for ICSOBA 2019 Conference. The access to ConfTool is via ICSOBA website: <https://www.icsoba.org/registration-1>.

After registration you will receive an invoice for paying by credit card (using Stripe), PayPal or wire transfer.

ICSOBA (since 1963) is a non-profit organization, so the delegate fees are maintained low. The fees include Welcome Cocktail, Gala Dinner, as well as all lunches and coffee breaks during the speaker program. Other dinners are excluded. A bag with all event material including USB with conference program, proceedings and presentations is also included in the conference fee.

## **Fees:**

<b>Fees in USD</b>	<b>Early bird</b>	<b>Normal</b>
Delegate	800	900
Conference speaker		800
Student or retired delegate		280
Excursion to RUSAL Krasnoyarsk smelter		30
Excursion to RUSAL Achinsk refinery		50
Excursion to RUSAL Khakas smelter		80
Excursion to the Nature National Reserve "Stolby"		30
Advertisement in the Program Book (one full-color printed page A5)		1000

## **Deadlines for registration:**

June 15	To enjoy the low, early bird registration fee
August 1	For speakers and for delegates requiring business visa support
August 20	For delegates without business visa support

## **ORGANIZING COMMITTEE**

ICSOBA 2019 President	Victor Mann
General Coordination:	Claude Vanvoren Frank Feret Andrey Panov Matthieu Arlettaz Olga Popova
Program Director:	Michel Reverdy

## **SPONSORS**

We invite companies to become sponsors of this conference. Potential SPONSORS are welcome to visit the ICSOBA website at [www.ICSOBA.org](http://www.ICSOBA.org).

## **CONTACT US**

For questions on registration, payment and sponsoring, please contact ICSOBA organizers at:

E-mail: [info@icsoba.org](mailto:info@icsoba.org)



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