



1st Call for Papers

40th International Conference and Exhibition

ICSOBA 2022



10-14 October 2022

Athens, Greece & online

Hosted by:



www.icsoba.org

INVITATION

Dear Colleagues,

The International Committee for Study of Bauxite, Alumina & Aluminium (ICSOBA) has the great honor to announce the **40th International Conference and Exhibition from 10 to 14 October 2022.**

The conference is planned to be **hybrid**, with the in-person part to be held in **Athens, Greece** and the virtual part in real-time broadcasting.

ICSOBA, in its vision and commitment to cooperate with other conferences and better serve the aluminium industry, is also happy to join forces with the **4th International Bauxite Residue Valorisation and Best Practices Conference (BR2022)** and the **final RemovAL Cross-Fertilisation Conference**. BR2022 will be only virtual, as information will be shared on the upscaling installations. The RemovAL Conference will take place as an in-person and freely accessible event to foster synergies between EU projects and industry.

We look forward to seeing you all in Athens and online for ICSOBA 2022.

KEY DATES / DEADLINES

- 1 June 2022 ● Abstract submission
- 30 July 2022 ● Full paper submission
- 30 August 2022 ● Presentation submission
- 10 October 2022 ● Conference opening

Please note that due to increasing difficulty for paper and presentations review, **deadlines will not be extended.**

CONFERENCE OBJECTIVES

ICSOBA 2022 will focus on **sustainable development** and **carbon footprint reduction** in the following domains:

- Bauxite deposits and mining
- Alumina refining
- Bauxite residue
- Carbon electrodes in aluminium
- Primary aluminium production
- New technologies
- Greenfield and Brownfield activities
- Success stories in projects implementation
- Health, environment and safety
- Market scenarios and economic outlook.

CALL FOR PAPERS

The Organizing Committee is inviting the submission of abstracts, papers and presentations.

Submission process is managed by ConfTool <https://www.conftool.net/icsoba2022/> which is customized for the ICSOBA 2022 Conference.

Abstracts and papers should be written in the [ICSOBA 2022 Author Guidelines and Paper Template](#) as provided at the ICSOBA website.

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

Please visit the [ICSOBA website](#) for template download and regular updates.

CONFERENCE FORMAT

The hybrid format of the conference will enable your participation irrespectively if you travel to Athens or have to stay at home. The difference between on-site and virtual participation is:

- **On-site participants** of the conference will be able to take full benefit of regular ICSOBA conference, including downloading the papers and presentations before the opening of the conference, participation in technical sessions, exhibition, field trips and social functions. **Only on-site speakers will have the opportunity to present a paper.** On-site participants will also be able to watch the recorded presentations “on demand” on the virtual platform.
- **Virtual participants** of the hybrid conference will be able to download the papers and presentations before the opening of the conference. They will be able to attend the presentations live in the scheduled sessions Athens time as well as view the recorded presentations “on demand” on the conference virtual platform.

LANGUAGE

Papers and presentations will be in English. They will be published and downloadable from the ICSOBA website for the participants and ICSOBA corporate members. The papers will be indexed in platforms such as Google Scholar. The printed book of proceedings (TRAVAUX No. 51) will be sent as individual orders after the conference.

PUBLICATION OF ICSOBA PAPERS IN JOURNAL OF SUSTAINABLE METALLURGY

In addition to publication in regular conference proceedings, all ICSOBA authors will be invited to submit their manuscripts to a topical collection in the **Journal of Sustainable Metallurgy (JSM)**:

<https://www.springer.com/journal/40831>

dedicated to publishing the high-quality ICSOBA papers. With a 2020 **impact factor of 2.35**, JSM ensures high visibility for the research results presented at ICSOBA.

Only the papers meeting the journal scope will be considered for peer review and publication. The publication in this journal will be free to authors unless they choose to publish Open Access:

<https://www.springernature.com/gp/open-research/policies/journal-policies/>

EXHIBITION

Exhibition of latest technologies, equipment and other devices for the aluminium industry will take place during the conference. Companies will be given a time slot for presentation at a corresponding technical session of the conference. The connection with virtual participants will be possible.

VENUE OF THE CONFERENCE

The event will take place from 10 to 14 October 2022 in beautiful capital city of –Athens, Greece.

More information about the venue and hotels to follow.

TECHNICAL FIELD TRIPS

During the conference the technical field trips will be organized to MYTILINEOS - Aluminium of Greece Plant. The AoG is the leading industrial producer of alumina and aluminium in Southeastern Europe and is the only vertically integrated bauxite, alumina and aluminium production plant in Europe:

- Mining 650 000 tonnes of Greek bauxite ore, processing each year more than 1.4 million tonnes of Greek bauxite ore and 0.4 million tonnes of tropical bauxite ore;
- Producing 835 000 tonnes of alumina (out of which 475 000 tonnes are exported);
- Producing 190 000 tonnes of aluminium (out of which 105 000 tonnes are exported);
- Advanced pilot plant for bauxite residue valorisation containing various pyrometallurgical and hydrometallurgical methods to make commercial products from bauxite residue.



 Agios Nikolaos, Greece

BR2022



The **4th International Bauxite Residue Valorisation and Best Practices Conference (BR2022)** will be only virtual, as information will be shared on the upscaling installations, ideally also in real-time.

The conference will focus on the efforts that have already successfully reached high technological readiness. There is provision for maximum 12 presentations, with a particular format: 20 min dedicated on slides, 20 min on live or recorded presentation of the pilot plant scale installation and 20 min for questions. We believe that by doing so, we bring the community closer together and we accelerate the big-scale use and application of bauxite residue.

For more information and registration, please visit <https://conference2022.redmud.org/>

ICSOBA, in its vision and commitment to cooperate with other conferences and better serve the aluminium industry, is also happy to join forces with the 4th International Bauxite Residue Valorisation and Best Practices Conference (BR2022) and the final RemovAL Cross-Fertilisation Conference.

REMOVAL



The final **RemovAL Cross-Fertilisation Conference**, organized by **European Aluminium**, will take place as an in-person and freely accessible event. RemovAL is an EU H2020 project which aims to valorise bauxite residue, spent pot lining and other waste through new innovative processing routes. This final event will mainly focus on presenting the new processing technologies for valorising base and critical metals from primary aluminium production waste streams (mainly bauxite residue) developed in RemovAL and in other EU projects. Policy aspects will be also addressed for boosting the use of BR in Europe, following industry recommendations.

For more information and registration please visit <https://european-aluminium.eu/resource-hub/removal-cross-fertilisation-conference/>

ABOUT THE EUROPEAN ALUMINIUM



European Aluminium, founded in 1981 and based in Brussels, is the voice of the aluminium industry in Europe. We actively engage with decision makers and the wider stakeholder community to promote the outstanding properties of aluminium, secure growth and optimise our metal's contribution to meeting Europe's sustainability challenges.

Through environmental and technical expertise, economic and statistical analysis, scientific research, education and sharing of best practices, public affairs and communication activities, European Aluminium promotes the use of aluminium as a material with permanent properties that is part of the solution to achieving sustainable goals, while maintaining and improving the image of the industry, of the material and of its applications among their stakeholders.

Our 95+ members include primary aluminium producers; downstream manufacturers of extruded, rolled and cast aluminium; producers of recycled aluminium and national aluminium associations are representing more than 600 plants in 30 European countries. Aluminium products are used in a wide range of markets, including automotive, transport, high-tech engineering, building, construction and packaging. See more at <https://www.european-aluminium.eu/>

ABOUT THE ORGANISER



The International Committee for Study of Bauxite, Alumina and Aluminium (ICSoba) is an independent non-profit association that unites industry individual and corporate members representing major bauxite, alumina and aluminium producing companies, technology suppliers, researchers and consultants from around the world. The main objective of ICSoba is to promote the exchange of ideas and results of the work from different fields of research and current practice from bauxite mine to primary aluminium.

Since 1963 ICSoba annual technology conference is organized in different parts of the world and proceedings are published as TRAVAUX volumes.

The vision of ICSoba to become the “Technology Conference of the Aluminium Industry, for the Aluminium Industry” has received support of 35+ major companies who are participating in the yearly ICSoba Corporate Member Council to voice their view and influence ICSoba strategy.

As a company active in the aluminium industry, you are most welcome to join the Council <https://icsoba.org/corporate/>

ABOUT THE HOST SPONSOR



MYTILINEOS is a leading global industrial and energy company with a strong presence in all five continents. The company operates Four Business Units (BUs), the Power & Gas BU, the Metallurgy BU, the Renewables & Storage Development BU and the Sustainable Engineering Solutions BU. Company’s strong international presence in all five continents establishes itself as a global leader, as its exports foreign markets account for more than 2 % of total Greek exports, benefiting significantly the national economy and conveying a strong message for commitment to continuous growth.

The history of MYTILINEOS commenced at the beginning of the 20th century. In 1908, the then small metallurgy industry MYTILINEOS operated in Piraeus as a rapidly growing family business. In 1990 the MYTILINEOS group is founded as an evolution of the old metallurgy family business and in 2017 it evolves into a new single business entity, MYTILINEOS.

To learn more, please visit <https://www.mytilineos.gr/>

SPONSORSHIP

There are many sponsorship opportunities available. Companies wishing to sponsor or exhibit should contact the Conference Organisers.

CONTACT US

For more information, please contact us at info@icsoba.org