

11th European Slag Conference

4th – 7th October 2022, Cologne, Germany

Call for papers (abstracts)

The transformation of the steel industry and its effects on the slag value chain

GENERAL

The 11th **EUROPEAN SLAG CONFERENCE** will take place from October 4th to 7th 2022 in **COLOGNE, GERMANY**, in the **MARITIM HOTEL KÖLN**, organized by **FEHS – Institute of Building Materials** and **EUROSLAG - The European Slag Association**.

EUROSLAG is the European association of all main organizations and companies concerned with all aspects of manufacturing and utilization of ferrous slags products. The association deals with promotion of slag as a product, enables exchange of information and research as well as facilitates the interaction with governing bodies.

The FEHS Institute has been researching, advising, and supporting slag-based by-products for more than 70 years. The building materials and fertilizers from the steel industry have been making an important contribution to the conservation of natural resources for many decades.

CONFERENCE PURPOSE AND AUDIENCE

Not only the European Union has set ambitious CO₂ reduction targets to become an economy with net zero greenhouse gas emissions by 2050. First milestone is a reduction of CO₂-Emissions by 55% until 2030. The steel industry has boosted R&D to manage the transformation process to also become carbon neutral by 2050. This will result in substantially new slag types and overall, in a different “slag mix” in the future. One aim of the conference is to share knowledge and report on the research projects and needs to manage this transformation process when it comes to slags and the challenge to sustain the different applications of these by-products or even to develop new applications.

But we do not exclusively want to focus on the transformation. The purpose of the 11th European Slag Conference is also to share updated knowledge, ideas and research related to technical applications, environmental and legal aspects for all kinds of iron and steel slags. The conference aims at bringing together all persons involved in processing, using, and marketing slag from private companies, public

authorities, research institutes, universities, technical schools or environment safety organizations.

Persons from all over the world involved in manufacturing, processing, using, and marketing of slags; involved or interested persons from all kinds of companies or public authorities; technical schools, and research institutes; universities and students are cordially invited to join this event. We are sure that you will get new insights and that you will sustainably broaden your network within the slag value chain.

We will have three sessions at the main conference days (October 5th and 6th). One session is on the legal framework, one on the utilization and best practices and one session will focus on research and innovation. These sessions will be complemented by a speed poster presentation session.

The conference will take place at the Maritim Hotel in COLOGNE, which is located next to the river Rhine, just a few minutes' walk from the Cathedral. You find attached a short presentation with the main program and the locations. **More information incl. the online registration will be available on the conference website www.euroslag2022.com, which will be online by the end of May. We will inform you about the launch of the website.**

It might be sensible to already book hotel accommodation in advance. We have reserved rooms in the Conference hotel (<https://www.maritim.de/de/hotels/deutschland/hotel-koeln/hotelzimmer>) and 2 hotels next to the Conference "Hotel zur Malzmühle" (www.hotelzurmalzmuehle.de) "Dorint Hotel am Heumarkt" (www.dorint.com/koeln-city)

The conference language is English.

We invite you to submit papers (abstracts) on:

- Legal framework (developments in legislation, rules and standards in Europe and other regions of the world)
- Utilization and best practices (sourcing and logistics, best practices for timely and effectively recycling and resource efficiency)
- Research and innovation (transformation projects, characteristics of slag and slag-based products, updated studies, research and demonstration projects, new techniques)

Deadline to submit an abstract: July 15th

The abstract (maximum 2 pages) should include title, authors, a description, the main topics, and key findings of the issue. **Please include your contact information!**

Deadline to submit the final presentation or the poster: September 15th

The presentation must be submitted as PP file (16:9 format). The poster should be printed in DIN A1 format.

Please submit your contributions by e-mail to:
info@euroslag.com or h.stolze@fehs.de

Your paper can be selected for an oral **or** for a poster presentation. Please indicate if you are not willing to give a poster presentation.

Presenting authors (1 person per oral presentation) will receive free inscription (not including travel and living expenses, nor gala dinner).

We look forward to receiving your contributions!