Song. Miner Miner Mater 2023;2:2 DOI: 10.20517/mmm.2023.01

Minerals and **Mineral Materials**

Editorial

Open Access



Dry mineral processing: the new topic of XXXII international mineral processing congress

Shaoxian Song

School of Resources and Environmental Engineering, Wuhan University of Technology, Wuhan 430070, Hubei, China,

Correspondence to: Prof. Shaoxian Song, School of Resources and Environmental Engineering, Wuhan University of Technology, Wenzhi Street 34, Wuhan 430070, Hubei, China. E-mail: ssx851215@whut.edu.cn

How to cite this article: Song S. Dry mineral processing: the new topic of XXXII international mineral processing congress. Miner Miner Mater 2023;2:2. https://dx.doi.org/10.20517/mmm.2023.01

Received: 6 Mar 2023 Accepted: 7 Mar 2023 Published: 15 Mar 2023

Academic Editor: Lei Xie Copy Editor: Ke-Cui Yang Production Editor: Ke-Cui Yang

The XXXII International Mineral Processing Congress (IMPC2024), the latest IMPC, will be held from September 30 to October 3, 2024 in Washington DC, USA. This event will draw together the world's leading experts to discuss, reveal and promote the latest advances in the science and technology of mineral processing. I am honored to be the co-chair for the session on Dry Mineral Processing, a new topic of the IMPC.

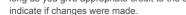
Dry processing has become increasingly important in the field of mineral processing. The IMPC 2024 will explore the latest developments and applications of dry processing technology in mineral processing, providing attendees with the latest research and achievements in this field. The conference will focus on the following issues:

- Dry Ore Sorting. It is a hot topic in the field of mineral processing, involving many different dry ore sorting technologies such as air flow sorting, electric sorting, and electrostatic sorting. This conference will focus on their performance and prospects in practical applications.
- Dry Grinding. It plays an important role in the field of mineral processing. The development and application are of great significance for improving processing efficiency and reducing costs.



© The Author(s) 2023. Open Access This article is licensed under a Creative Commons Attribution 4.0 International License (https://creativecommons.org/licenses/by/4.0/), which permits unrestricted use, sharing, adaptation, distribution and reproduction in any medium or format, for any purpose, even commercially, as long as you give appropriate credit to the original author(s) and the source, provide a link to the Creative Commons license, and







- Dry Separation Technology. It is a technique for mineral separation without water and has been widely used in the fields of bauxite, coal, iron ore, and others, including magnetic separation and gravity concentration.
- Dry Flotation Technology. It is a new type of flotation technology that can be carried out without water. It has the advantages of saving water resources, reducing wastewater discharge, and lowering costs.

I would like to welcome researchers, engineers, and entrepreneurs from around the world to participate in this conference and explore the frontier development and applications of dry mineral processing technology. Attendees are also encouraged to submit their research results to the journal of *Minerals and Mineral Materials* to promote the wider dissemination and application of these new technologies. I believe that through exchanges and cooperation at this conference, we can promote the development of dry mineral processing technology and contribute to the sustainable development of the mining industry.

DECLARATIONS

Authors' contributions

The author contributed solely to the article.

Availability of data and materials

Not applicable.

Financial support and sponsorship

None.

Conflicts of interest

The author declared that there are no conflicts of interest.

Ethical approval and consent to participate

Not applicable.

Consent for publication

Not applicable.

Copyright

© The Author(s) 2023.