



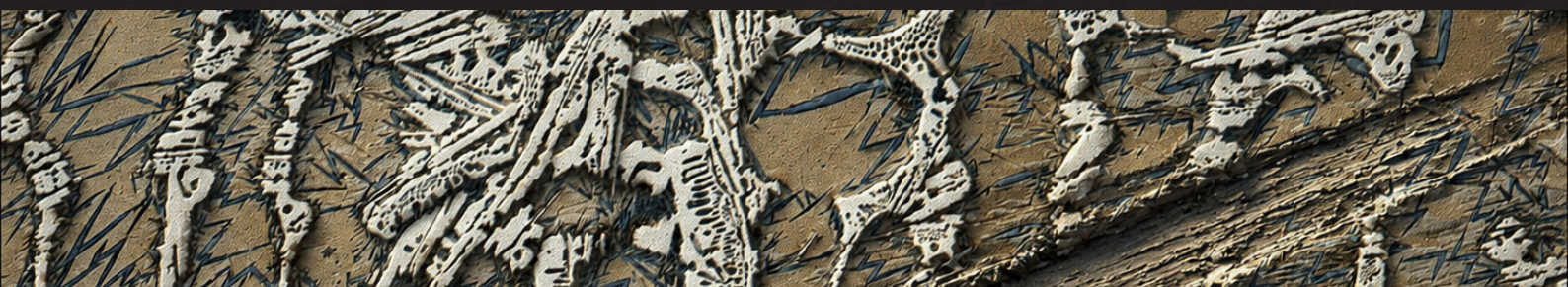
UNIVERSITÀ DEGLI STUDI DI TRENTO
Dipartimento di Ingegneria Industriale



ASSOCIAZIONE
ITALIANA DI
METALLURGIA

ABRASION 2027

Abrasion Wear Resistant Cast Irons and Steels for
Rolling and Pulverizing Mills Conference



WHEN

September 1-3, 2027

VENUE

University of Trento
Polo Scientifico
Via Sommarive, Povo (Trento)

ORGANIZERS

Università di Trento, Dipartimento di Ingegneria Industriale
and Associazione Italiana di Metallurgia

WEBPAGE

www.aimnet.it/eng/abrasion2027.shtml

The goal of the ABRASION conference is to bring together experts from industry and academia working in the field of rolling cylinders and pulverizing mills, fostering a stimulating exchange of technical and scientific expertise.

Held every three years, the event attracts delegates from around the world and represents an important opportunity to share the latest advances in the materials and technologies used in these strategic industrial sectors, as well as to discuss prospects and challenges.

Researchers, manufacturers, and users of wear-resistant materials are invited to submit technical and scientific papers and to actively participate in a conference that, since its very first edition, has been distinguished by the high quality of its content, broad international participation, and an open and collaborative atmosphere that fosters the exchange of ideas and the formation of new collaborations.

CALL FOR PAPERS

All contributions on the Conference topics are welcome.

Prospective authors are invited to submit a tentative title and an abstract of 400 words (in English) by January 15, 2027.

The abstract should provide sufficient information for a fair assessment.

There are two ways to submit papers:

- to send the title and the abstract, together with the requested information (Name and Surname, Affiliation, Mailing Address, Phone and e-mail) by e-mail to: conference@aimnet.it
- online at www.aimnet.it/eng/abrasion2027.shtml



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DEADLINES

Submission of abstracts: 15 January 2027

Submission of manuscripts & speakers registration: 31
May 2027

Early bird registration: 7 July 2027

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SPONSORSHIP OPPORTUNITIES

If you are interested in sponsoring ABRASION 2027,
please contact conference@aimnet.it - +390276397770.

TOPICS

- Wear and Tribology of Rolling Mill and Pulverizing Mills Components
- Materials for rolls and Pulverizing Mills: Cast Irons, HSS and Advanced Alloys
- Thermal Fatigue, Oxidation and Corrosion behaviour
- Microstructure Design, Carbides and Heat Treatment
- Contact Fatigue, Failure Analysis and Lifetime Prediction
- Testing, Characterization and Performance Evaluation
- Industrial Applications in Steel Rolling Mills
- Sustainable Manufacturing and Digitalization of Roll Production
- Emerging Materials and Future Technologies for Wear Resistance

LANGUAGE

The official language of the ABRASION 2027 Conference will be English.

PROCEEDINGS

All participants will receive the Conference proceedings in digital format. Certain papers may be considered for publication in the AIM journal "La Metallurgia Italiana - International Journal of the Italian Association for Metallurgy" which is covered in the Science Citation Index Expanded by Thomson Reuters and in Scopus by Elsevier B.V.

SECRETARIAT



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