

Save the Date

Call for Papers



European Metallurgical Conference, EMC 2021, the most important Conference in Europe dedicated to Non-Ferrous Metals, will take place for the 11th time in an adequate setting in Salzburg; Austria.

The topic of this conference is:

Optimum utilization of resources and recycling for a sustainable solution.

This EMC will be dedicated to the continuous efforts of our industry to meet the challenges of a globalizing world by delivering important contributions to the welfare in our future.

The conference refers to the basic economic challenge, the growing scarcity of resources even as continuously growing population and emerging economies demand more and more raw materials. This situation requires new and sustainable solutions to improve the overall resource efficiency in the Non-Ferrous industry. In fact this situation is a springboard for the development of sophisticated production processes, with a limited amount of all wasted materials.

Sustainability of the Non-Ferrous Metals industry will be duly examined in respect to its technological, ecological and economic aspects in about 30 topical sessions, which are clustered in three main areas; (I) Resources/Metals, (II) Materials Processing, (III) Sustainable Production and (IV) Themes of current issues / Best Practices.

Not only the production of metals, but also the preparation, processing and recycling of raw materials and residues are discussed, the impact on the environment and health protection are in the focus of the presentations too. In addition, economic and legal issues such as data security and competition law in an increasing digital global industry are discussed.

The conference is upon invitation of the GDMB Society of Metallurgists and Miners and is particularly directed to metal producers, plant manufactures, equipment suppliers and service providers as well as members of universities and consultants.

Important dates	
June 10, 2020:	Deadline for submission of abstracts
August 10, 2020:	Acceptance of papers will be made public
September 30, 2020:	Submit manuscript for peer review
January 15, 2021:	Deadline for final manuscript
April 30, 2021:	Deadline for presenters to register for the conference

Please send your abstract to: EMC@GDMB.de

Currently updated information you will find at emc.gdmb.de

EMC 2021 Topics

I Resources / Metals

- 1 Light Metals (Mg, Li, Ti)
- 2 Copper
- 3 Lead
- 4 Zinc
- 5 Precious Metals
- 6 Nickel / Cobalt / Vanadium
- 7 Minor Metals (Rare Earths, Indium)

II Materials Processing

- 8 Raw Material Handling
- 9 Process Fundamentals, Modelling and Simulations
- 10 Upgrading processes and handling of Impurities
- 11 General Pyrometallurgy
- 12 General Hydrometallurgy
- 13 New Processes
- 14 Process Control

III Sustainable Production

- 15 Recycling / Waste
- 16 Strategic Resource Saving and Metals Recovery Technologies
- 17 Secondary Metallurgy
- 18 By-product Treatment
- 19 Slag
- 20 Developments in Environmental Protection
- 21 Quality Assurance
- 22 Analytics

IV Themes of current issues/Best Practices

- 23 Improving of Alloys
- 24 Powder Metallurgy und 3 D Print
- 25 Foundry – Casting
- 26 Refractory Materials
- 27 Economic Prospects and Trading
- 28 HSE practices and Legal Aspects
- 29 Industry 4.0

Prospective authors wishing to present papers are invited to submit the title, the name(s) of the author(s) and an abstract of 250 to 300 words (in English).