

Call for Papers

European Metallurgical Conference, EMC 2019, the most important Conference in Europe dedicated to Non-Ferrous Metals, will celebrate its 10th anniversary in an adequate setting in Düsseldorf together with the quartet of trade fairs comprising Gifa, Metec, Thermprocess and Newcast.

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.

EMC 2019 Topics

I	Resources / Metals	II	Materials Processing
01	Light Metals (Mg, Li, Ti)	08	Raw Material Handling
02	Copper	09	Process Fundamentals, Modelling and Simulations
03	Lead	10	Upgrading processes and handling of Impurities
04	Zinc	11	General Pyrometallurgy
05	Precious Metals	12	General Hydrometallurgy
06	Nickel / Cobalt / Vanadium		
07	Minor Metals (Rare Earths, Indium)		

13	New Processes	21	Quality Assurance
14	Process Control	22	Analytics
III Sustainable Production		IV Themes of current issues/Best Practices	
15	Recycling / Waste	23	Improving of Alloys
16	Strategic Resource Saving and Metals Recovery Technologies	24	Powder Metallurgy und 3 D Print
17	Secondary Metallurgy	25	Foundry – Casting
18	By-product Treatment	26	Refractory Materials
19	Slag	27	Economic Prospects and Trading
20	Developments in Environmental Protection	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).

Important dates:

June 30, 2018:	Deadline for submission of abstracts
August 15, 2018:	Acceptance of papers will be made public
October 15, 2018:	Submit manuscript for peer review
January 31, 2019:	Deadline for final manuscript
April 31, 2019:	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