



# CALL FOR PAPERS

## 2<sup>nd</sup> International Conference on Emerging Technologies in Materials Engineering

### EmergeMAT

6-8 November 2019  
Bucharest, Romania

The Scientific Committee and the Organizing Committee cordially invite you to attend the 2<sup>nd</sup> EmmergeMAT Conference in Bucharest, Romania, between 6-8 November 2019.

EmergeMAT 2<sup>nd</sup> Conference aims to bring together scientists, engineers, industry representatives and other stakeholders interested in developing new methods, concepts and materials using new and emerging technologies, such as: additive manufacturing, advanced materials for extreme conditions, high pressure and high temperature processes, critical materials and valorisation of new resources.

#### Sections:

1. Additive manufacturing
2. Advanced materials for extreme conditions
3. Critical materials
4. Phase change materials for thermal energy storage
5. Satellite event CA15102 CRM-Extreme

#### Scientific Program:

1. plenary conference
2. oral presentations
3. poster session
4. workgroup meetings

#### Important Dates:

Abstract submission: 1 July 2019  
Abstract feedback: 1 August 2019  
Full paper submission: 15 October 2019  
Main conference: 6-8 November 2019

#### Key Topics:

- materials for additive manufacturing, (bio)medical applications, energy applications, automotive & aerospace applications, advanced materials (metals, alloys, ceramics, hybrids, composites), critical materials (metals, CRM replacements), thermal properties, etc.
- WG meetings, general assembly

#### Format:

1. key lectures: 25 min, including discussions
2. oral presentations: 10 min, including discussions
3. posters: A0 format

#### Publication:

Abstracts will be published in the abstract book and full papers will be published in Manufacturing Review, indexed in Scopus, Web of Science, CrossRef, etc.

<https://mfr.edp-open.org/>

PERFORM-MAT (1PFE/2018)  
Increased performance and competencies  
of INCDMNR-IMNR in the field of emerging  
technologies in materials engineering  
based on non-ferrous metal



Project financed by the  
Ministry of Research and  
Innovation in Romania

CRM-EXTREME (CA 15102)  
Solutions for Critical Raw Materials  
under Extreme Conditions  
COST is supported by the EU  
Framework Programme Horizon 2020



ENERHIGH (ID P\_37\_776; ctr. 93/2016)  
Innovative methods for enhancing high temperature  
thermal energy storage properties of phase change materials  
Project co-financed by the Fund for European Regional Development  
in the frame of Operational Program Competitiveness 2014-2020





### General info:

The program, schedule and templates will be available starting May 15<sup>th</sup>, 2019 at: [www.imnr.ro](http://www.imnr.ro)

Working language is English.

The venue will be announced in due course.

Participation in the event is free of charge.

Best poster prizes will be awarded for young scientists.

### Scientific Committee:

1. Dr. Roxana Mioara PITICESCU, General Manager IMNR, Pantelimon, Romania
2. Prof. Dr. Alain LARGETEAU, ICMCB-CNRS, Bordeaux, France
3. Dr. Antonio RINALDI, ENEA, Rome, Italy
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