



CALL FOR PAPERS

2nd 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 2nd EmERGE MAT Conference in Bucharest, Romania, between 6-8 November 2019.

EmergeMAT 2nd 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

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 replacement), thermal properties, etc.
- WG meetings, general assembly

Scientific Program:

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

Format:

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

Important Dates:

Abstract submission: **20 September 2019**

Abstract feedback: **30 September 2019**

Full paper submission: **25 October 2019**

Main conference: 6-8 November 2019

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 are available at: 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
4. Dr. Maria Luisa GRILLI, ENEA, Rome, Italy
5. Dr. Maria Letizia RUELLO, Università Politecnica delle Marche, Ancona, Italy
6. Prof. Dr. Fatima MONTEMOR, Instituto Superior Técnico, Lisbon, Portugal
7. Dr. Saurav GOEL, Queen's University of Belfast, UK
8. Prof. Lucyna JAWORSKA, Institute of Advanced Manufacturing Technology, Kraków, Poland
9. Mr. Shai ESSEL, Technion - Israel Institute of Technology, Israel
10. Mr. Iakovos YAKOUMIS, Monolithos Catalysts & Recycling Ltd., Athens, Greece
11. Dr. Andreas BARTL, Vienna University of Technology, Austria
12. Mr. Vjaceslavs LAPKOVSKIS, Riga Technical University, Latvia
13. Dr. Victor MANOLIU, INCAS, Bucharest, Romania
14. Prof. Dr. Cristian PREDESCU, Politehnica University of Bucharest, Romania
15. Dr. Vasile BOGDAN, Politehnica University of Bucharest, Romania
16. Dr. Sorin AXINTE, Politehnica University of Bucharest, Romania
17. Dr. Maria Dolores ROMERO-SANCHEZ, Applynano Solutions, Alicante, Spain
18. Dr. Radu Robert PITICESCU, IMNR, Pantelimon, Romania

Organizing Committee:

1. Dr. Adrian Mihail MOTOC, Scientific Director, IMNR, Pantelimon, Romania
2. Dr. Ana Maria MOCIOIU, IMNR, Pantelimon, Romania
3. Dr. Mircea CORBAN, IMNR, Pantelimon, Romania
4. Ioana VLAICU, IMNR, Pantelimon, Romania
5. Paul STANCIU, IMNR, Pantelimon, Romania
6. Mihaela PAUNESCU, IMNR, Pantelimon, Romania
7. Steliana BIGU, IMNR, Pantelimon, Romania
8. Dr. Simona BEJAN, IMNR, Pantelimon, Romania
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