



# 1<sup>st</sup> CALL FOR PAPERS

## 4<sup>th</sup> International Conference on Emerging Technologies in Materials Engineering – EmergeMAT

4-5 November 2021 – Bucharest, Romania

The Scientific Committee and the Organizing Committee cordially invite you to attend the 4<sup>th</sup> EmergeMAT Conference between 4-5 November 2021.

The 4<sup>th</sup> EmergeMAT Conference will take place online and will focus on bringing 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 and coatings for extreme conditions (corrosion, high temperatures, biomedical applications)
3. Critical materials (substitution and recovery)
4. Materials for energy harvesting and storage

### Key Topics:

- ✓ materials for additive manufacturing
- ✓ (bio)medical applications
- ✓ energy applications
- ✓ automotive & aerospace applications
- ✓ dual applications
- ✓ safe and sustainable-by-design metallic materials and coatings
- ✓ advanced materials (metals, alloys, ceramics, hybrids, composites)
- ✓ critical materials (metals, CRM replacements)
- ✓ thermal properties, etc.

**Presentation:** e-posters (template provided), to be uploaded by organizers on the conference website.

**Publishing:** Abstracts will be published in the conference abstract book (ISSN 2602-0416) and full papers can be published in [Manufacturing Review](#) (eISSN: 2265-4224), following a peer-review process. Manufacturing Review is indexed in several databases, including Scopus.

### Important dates:

- Abstract submission: 4 October 2021
- Abstract feedback: 11 October 2021
- Poster submission: 25 October 2021
- Conference: 4-5 November 2021
- Full paper submission (optional): 22 November 2021 (directly to Manufacturing Review)



**General info:**

Templates will be available starting August 2021, at: [www.imnr.ro](http://www.imnr.ro)

The conference is organized as an all-virtual event.

Working language is English.

Participation is free of charge.

Best poster prizes will be awarded for young scientists (*Young Scientists Award Competition*).

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