



CALL FOR PAPERS
SPECIAL SESSION ON
Materials Science & Engineering
for ICCAD'23
May 10-12, 2023, Rome-Italy

Session Chair:

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Session description:

This special session investigates the relations between the structures and properties of materials. Materials scientists work with diverse types of materials (metals, polymers, alloys, composites...) for a broad range of applications (mechanical applications, electrical engines, energy, construction, electronics, nanotechnology...) employing modern processing.

The goal is to encourage exchanges between scientists from a wide range of backgrounds, around variety of matters to exchange ideas and to present and discuss methods and results.

The topics of interest include, but are not limited to:

- Physical, mechanical and electrical behavior of materials.
- Preisach and Jiles Atherton Modeling of magnetic systems for electromechanical applications.
- Multiphysical coupling.
- Materials and Semiconductors.
- Multi-scale characterizations and numerical modeling.
- Advanced materials, Nanomaterials and Shape memory alloys.
- Others.

SUBMISSION

Papers must be submitted electronically for peer review by: **January 31, 2023**

[Submission – ICCAD 2023 \(iccad-conf.com\)](http://iccad-conf.com)

All papers must be written in English and should describe original work. The length of the paper is limited to a maximum of 6 pages (in the standard IEEE conference double column format).