

# Aims & Scope

The *Journal of the Mechanical Behavior of Materials* (*JMBM*) publishes articles on original research, short communications and reviews covering all natural and modern engineering materials:

- Metals and Alloys
- Ceramics and Glasses
- Soils and Geomaterials
- Concrete and Cementitious Materials
- Polymers and Composites
- Wood and Paper
- Elastomers and Biomaterials
- Liquid Crystals and Suspensions
- Electromagnetic and Optoelectronic Materials
- High-energy Density Storage Materials
- Monument Restoration and Cultural Heritage Preservation Materials
- Nanomaterials
- Complex and Emerging Materials.

Contributions on interdisciplinary high risk-high gain or unconventional approaches in topics spanning the whole

range from condensed to soft matter mechanics are particularly welcome.

The journal focuses on the micromechanics and nanomechanics of materials, the relationship between structure and mechanical properties, material instabilities and fracture, as well as size effects and length/time scale transitions. Articles on cutting edge theory, simulations and experiments – used as tools for revealing novel material properties and designing new devices for structural, thermo-chemomechanical, and opto-electro-mechanical applications – are encouraged. Synthesis/processing and related traditional mechanics/materials science themes are not within the scope of *JMBM*. The Editorial Board also organizes topical issues on emerging areas by invitation. Papers should be submitted electronically to the Editor in Chief or an Associate Editor, with a copy to the Managing Editor's email address: [jmechbehav@gmail.com](mailto:jmechbehav@gmail.com). The maximum review time will normally be 3 months and the authors should also submit a list with three preferred reviewers and three undesirable ones. The normal time from the acceptance of an article to its appearance will also be 3 months.