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New Advances in Characterization of Cellular Materials

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Deadline for manuscript submissions:
closed (10 May 2023)

Message from the Guest Editors

There has been an increase in the use of cellular materials in different industries. This Special Issue represents a good opportunity for researchers to disseminate new advances related to the behavior of cellular materials such as, for example, different manufacturing routes, advances in microstructure observations and measurement of cellular material properties, the relationship between microstructure and mechanical and physical properties, damping characterization, surface and volume treatment, advances in simulation and modeling of cellular material behavior, behavior of sandwich structures with cellular material cores, novel cellular structures. Both natural (cork or wood, bones) and manufactured (polymeric, metallic, and ceramic foams, honeycomb) cellular structures will be considered.

- cellular structures
- foams
- physical and mechanical properties
- microstructure
- manufacturing routes

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Message from the Editor-in-Chief

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