Joint Special Issue
Cellular Polymeric Materials

Message from the Guest Editor

Cellular materials are used today in a wide variety of everyday situations and industries. They help not only save weight without losing any mechanical properties, but also play an irreplaceable role in saving heat. Various polymers can be formed, obtaining completely new materials with different characteristics and uses compared to the original monolith. Today's traditionally produced synthetic polymers are being increasingly replaced by polymers derived from renewable feedstock, which do not lag behind or even overcome previous generation polymers. The procurement of cellular materials is a complex physico-chemical process, where the hardening of polymers, gas expansion, cell formation, etc., should be balanced. In addition, there is a wide variety of technologies available for the production of foams, which can often complement each other. The Special Issue aims to bring together polymer scientists working with cellular materials, to gather up-to-date research and innovations in the field, to reflect the current situation, not only in scientist laboratories, but also to update the requirements and settings of the industry.

Guest Editor

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