Special Issue

Application of Amorphous Alloys: Potential and Challenges to Overcome

Message from the Guest Editor

In the last three decades, amorphous alloys have received much attention as a new class of material, due to their unique properties and capabilities. In particular, their superior mechanical properties equip them with the potential for many new structural and engineering applications. Although inspiring achievements toward applications have been made for amorphous alloys, bridging such progress to products is hindered by some difficulties, including insufficient understanding of the physical origin of their properties, dimensional limits set by glass forming ability, relatively poor ductility, and difficulties in finding effective methods and conditions for processing/machining. Thus, a broader range of investigations to expand the potential for various applications and to develop a deeper understanding to overcome the challenges are of particular interest. Articles and reviews concerning the application of amorphous alloys are welcomed and invited for inclusion in this Special Issue.

Guest Editor

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