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Advances in Mechanical Alloying and Milling

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Deadline for manuscript submissions:
closed (20 June 2023)

Message from the Guest Editors

Dear Colleagues,

Mechanical alloying is a solid-state powder processing technique involving repeated welding, fracturing, and rewelding of powder particles in a high-energy ball mill. It has been confirmed to be a successful method for the fabrication of a variety of materials, including amorphous alloy powders, nanocrystalline powders, intermetallic powders, composite and nanocomposite powders, and nanopowders. In addition to nanoscale processing, the brute-force employment of mechanical milling has been proven to be one of the most promising and rapidly developing methods to synthesize extended solid solubility even in immiscible systems.

In this Special Issue, recent advanced ball milling methods and nanocrystalline preparation processes in these areas, as well as mechanochemical materials synthesis, will be highlighted and discussed. It is my pleasure to invite you to submit a manuscript for this Special Issue. Full papers, communications, and reviews are welcome.

Prof. Meiqing Zeng
Dr. Zhongchen Lu
Guest Editors

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Message from the Editor-in-Chief

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