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Applications, Preparation and Characterization of Metal-Ceramic Nanocomposites

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Message from the Guest Editor

Dear colleagues,

The development of metal-ceramic composite materials occurred by setting up innovative interdisciplinary production techniques. Such techniques have multifarious goals such as: 1) their ecological sustainability; 2) the improved technological performance of the finished product; 3) the cost containment. On the whole, metal-ceramic composite materials exhibit a huge potential for practical applications and exploiting a good part of it represents a great challenge for the researchers and technologists all over the world. Thus, this special issue of Materials aims at giving to the reader a faithful portrayal of the state of the art of the research in the field of metal-ceramic composite materials by collecting valuable and, possibly, innovative works and reviews concerning all the aspects of their science and technology. In particular, knowledge regarding the development, characterization and use of nanostructured metal-ceramic composite materials, where the metal and ceramic phase are assembled effectively, are welcomed. Hoping that you will be involved in the same my enthusiasm, I look forward to receiving numerous works from you.





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