



## Nanostructured Materials for Structural Applications

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### Message from the Guest Editor

Dear Colleagues,

The mechanical properties of material are attributed to its microstructure, such as matrix and second phase. The strength of polycrystalline materials increases with decreased grain size, as described by Hall-Petch relation. In particular, grain size reaching nano scale can lead to many distinctive properties,

Dr. Kaixuan Chen

*Guest Editor*





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## Message from the Editorial Board

Now more than ever, research is asked to deliver knowledge and technologies to solve the major challenges faced by our society. The development of new materials and devices for (without the ambition to be exhaustive) energy, health and food technology, together with the need for establishing processes that reduce the impact on critical resources and the environment, is indeed in the spotlight of most contemporary research. Surface science and engineering play a key role in this regard, with an incredible potential in delivering new and deep scientific understanding and technical solutions essential to solve most of the major societal challenges.

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