

Special Issue

Nanostructured Materials for Structural Applications

Message from the Guest Editor

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,

Guest Editor

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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.

Coatings is a well-established, peerreviewed, online journal dedicated to the vibrant field of surface science and engineering. Coatings publishes original research articles that report cutting-edge results and review papers that make the point on the hottest research topics.

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