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## Recent Advances and Applications of Machine Learning in Materials Science and Engineering

Guest Editor:

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Deadline for manuscript submissions:  
**closed (20 October 2023)**

### Message from the Guest Editor

Dear Colleagues,

Research is increasing on the subject of using machine-learning methods to analyze microstructure photos and data of metal alloy data and the values of mechanical parameters of castings in order to verify their correct implementation. This is an important research trend. In this regard, research is carried out at various levels of general and micro-/nanoscales. The selection of tools based on artificial intelligence is also a real challenge.

The fast growth of the topic and increasing interest in the field from researchers with expertise in the areas of material science and beyond are the main reasons for this Special Issue on “Recent Advances and Applications of Machine Learning in Materials Science and Engineering”. Contributions should focus on new achievements, both theoretical and experimental, relative to the neural networks, predictive algorithms, and



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## Message from the Editor-in-Chief

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