# Special Issue

# Heat Treatment of Metals

### Message from the Guest Editors

The use of heat treatments represents one of the most common and effective methods used to modify the internal structure of metals and thus obtain or tune the required properties. Almost all metals and alloys respond to heat treatments but their response is often significantly different, resulting in different performances. The identification and development of process technologies and analysis methods have created possibilities for new research efforts and practical applications. This Special Issue contains contributions on the microstructural influence of innovative and/or traditional heat treatments for different classes of metals and alloys. Furthermore, the application of different techniques and technologies of investigation is strongly encouraged since the possibility of combining information from various methods of analysis provides unique insights into the performance–microstructure relationship in metallic materials. Contributions related to simulation models of microstructural evolution are also welcome.

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### Deadline for manuscript submissions

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## Message from the Editor-in-Chief

As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

## Editor-in-Chief

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