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## Investigation of Microstructural and Corrosion Properties of Steels and Light Alloys

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Deadline for manuscript submissions:

**closed (10 August 2023)**

### Message from the Guest Editors

Dear Colleagues,

Very few metals can be found in metallic form in nature; the vast majority have to be processed from their ores at a great cost in terms of energy and money. It is therefore energetically favorable for them to reverse to their initial state. This process is commonly known as corrosion or anti-metallurgy, and great efforts are made worldwide to limit this process.

A proper alloy design in terms of composition, heat treatments, microstructural features, etc. is mandatory in order to obtain the best combination of mechanical properties and corrosion resistance during operation, reducing maintenance costs and the overall impact on the global economy. In fact, microstructural features can affect both the corrosion of the material itself and also the eventual production of protective layers on their surfaces.

The purpose of this Special Issue is to correlate the key role of the microstructure of steels and light alloys to their corrosion properties.

I invite you to submit papers that deal both with the characterization and with corrosion resistance evaluation of different alloys.

Dr. Claudio Gennari

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*Guest Editors*





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## Editor-in-Chief

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## Message from the Editor-in-Chief

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