

## Special Issue

# Dissimilar Metals and Alloys: Microstructure and Mechanical Properties in Laser Welding

### Message from the Guest Editors

The use of laser welding in dissimilar metals and alloys has gained significant attention in recent years due to its unique advantages in achieving high-quality joints. However, the microstructure and mechanical properties of these joints are affected by several factors, including the composition of the materials, welding parameters, and post-welding treatments. Therefore, this Special Issue aims to provide a comprehensive understanding of the microstructure and mechanical properties of dissimilar metal and alloy joints produced using laser welding. The Special Issue welcomes original research articles, reviews, and short communications on topics related to dissimilar metal and alloy laser welding, including but not limited to microstructure and mechanical properties of laser-welded dissimilar metals and alloys. Overall, this Special Issue provides a platform for researchers and practitioners to share their latest findings, insights, and experiences on dissimilar metal and alloy laser welding. The aim is to advance the state of the art in this field and promote the development of new techniques and applications for laser welding.

### Guest Editors

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### Deadline for manuscript submissions

closed (31 May 2024)



## Crystals

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## About the Journal

### Message from the Editor-in-Chief

Welcome to *Crystals*, the journal dedicated to the fascinating world of crystallographic research! Crystals are more than mere decorative elements; they hold the key to understanding the fundamental structure of matter. Our mission is to explore the crucial significance of this research across various fields. From medicine to technology, chemistry to geology, crystals play a vital role. Their structure provides insights into new advanced materials, innovative drugs, and groundbreaking technologies. Through *Crystals*, we delve into the microscopic world to discover solutions that will shape the future. Join us on a journey through the *Crystals*, where science merges with beauty and innovation.

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### Editor-in-Chief

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