Special Issue

Residual Stress Effects in Advanced Manufacturing and Electronics Packaging

Message from the Guest Editors

Advanced manufacturing and electronics packaging are rapidly progressing multidisciplinary fields involving materials science, electronics and electrical engineering, mechanical engineering, advanced manufacturing, etc., which have drawn the attention of researchers from all around the world. One of the most crucial and challenging topics is the residual stress effects introduced during the manufacturing and fabrication processes, which can significantly affect the mechanical performance and the lifetime of materials under harsh and extreme conditions. Thus, sustainable durability and high-reliability issues have become more crucial for the fields of advanced manufacturing and electronic packaging technology. With these trends, the aim of this Special Issue is to report more recent advances regarding residual stress tests, evaluations, and simulations in related fields. The present Special Issue, "Residual Stress Effects in Advanced Manufacturing and Electronics Packaging", may become a status report summarizing the progress achieved in the last five years.

Guest Editors

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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.

Editor-in-Chief

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