Special Issue

Hybrid Manufacturing

Message from the Guest Editors

Recent growth in engineering knowledge and technologies has evoked rapid advancement in multifarious fields. However, the unavailability of suitable materials and manufacturing processes has impeded such advancements. The advantages of the superior characteristics of a material are often mitigated by added processing complexity and manufacturing costs. Hybrid manufacturing attempts to alleviate these difficulties by accentuating the strengths of individual processing avenues, while suppressing the drawbacks. For example, chemical–mechanical polishing enables the planarization of hard wafer materials by a chemical reaction with slurry while enhancing both planarization quality and throughput. Laser-assisted cold spray enables the deposition of metals of high specific stiffness with minimal porosity via the pre- or post-heating of a substrate material. In this context, this issue focuses on the recent advances in hybrid manufacturing. The collection of state of the art hybrid manufacturing processes around the world should provide the current trends of hybrid manufacturing and help chart its future direction.

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Message from the Editor-in-Chief

Journal of Manufacturing and Materials Processing (*JMMP*)(ISSN 2504-4494) is a new MDPI peer-reviewed, open access venue with a focus on the scientific fundamentals and engineering methodologies of manufacturing and materials processing. We offer an online platform facilitating effective exchange of innovative scientific and engineering ideas and the dissemination of recent, original, and significant research and developmental findings. On behalf of the Editorial Board, I extend an invitation to our scientific and engineering colleagues to contribute high-quality, innovative, and ground-breaking research articles to *JMMP.*

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