

## Special Issue

# Advanced Joining Processes and Techniques

### Message from the Guest Editors

Dear colleagues, This Special Issue of the *Journal of Manufacturing and Materials Processing* includes selected papers presented at the 2nd International Conference on Advanced Joining Processes 2021 (AJP2021), to be held in Sintra (Portugal), on 21–22 October, 2021 (<https://web.fe.up.pt/~ajp2021/>). The conference will provide a unique opportunity to exchange information, present the latest results, as well as discuss issues relevant to advanced methods of joining, such as friction stir welding, joining by plastic deformation, laser welding, advanced mechanical joining, adhesive bonding, and hybrid joining. The focus is on process optimization in experimental and simulation terms, metallurgical and material behavior associated with joining, engineering properties and assessment of joints, health and safety aspects of joining, durability of joints in service, industrial applications, and education.

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### Guest Editors

Prof. Dr. Lucas F. M. da Silva

Dr. Mohamad El-Zein

Prof. Dr. Paulo A. F. Martins

Prof. Dr. Uwe Reisgen

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### Deadline for manuscript submissions

closed (30 October 2021)



## Journal of Manufacturing and Materials Processing

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Impact Factor 3.3  
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## About the Journal

### 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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### Editor-in-Chief

Prof. Dr. Steven Y. Liang  
George W. Woodruff School of Mechanical Engineering, Georgia  
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