Additive Manufacturing and Welding Journal
https://www.sciltp.com/journals/amwj

Editorial

Additive Manufacturing and Welding Journal

João Pedro Oliveira

CENIMAT/i3N, Department of Materials Science, NOVA School of Science and Technology, Universidade NOVA de Lisboa, 2829-516 Caparica, Portugal; jp.oliveira@fct.unl.pt

How To Cite: Oliveira, J.P. Additive Manufacturing and Welding Journal. *Additive Manufacturing and Welding Journal* **2025**, *1*(1), 1.

It is with great pleasure that we announce that Scilight Press is launching a new academic journal, *Additive Manufacturing and Welding Journal*. After gathering a team of well-renowned experts in the fields of Additive Manufacturing and Welding, the journal is open for submissions and expects to attract high-quality and innovative works that are in line with the aims and scope of the journal.

The rapid advancements in manufacturing technologies over the past few decades have transformed industries and reshaped global supply chains. Among these advancements, Additive Manufacturing and Welding stand out as two of the most impactful fields, driving innovation in engineering, construction, and everyday applications sharing many common fundamentals. Recognizing the need for a dedicated platform to address the latest research, breakthroughs, and challenges in both of these domains, we are pleased to introduce the *Additive Manufacturing and Welding Journal*.

Despite the extensive research and industrial applications of both additive manufacturing and welding, there remains a lack of a specialized journal that bridges these two closely related fields. Traditionally, these subjects have been treated separately, with additive manufacturing often discussed in the context of 3D printing and digital fabrication, while welding has been explored in metallurgy, structural engineering, and fabrication technologies. By launching this journal, we aim to fill a critical gap in the scientific literature, providing a dedicated forum where researchers, engineers, and industry professionals can share their findings, discuss innovations, and contribute to the development of next-generation manufacturing solutions.

Additive manufacturing and welding are fundamental to the advancement of modern engineering. Additive manufacturing allows for unprecedented design freedom, material efficiency, microstructure control, and the ability to produce complex geometries that were previously impossible with traditional methods. Welding, on the other hand, remains a cornerstone of the manufacturing sector, enabling the assembly of components in industries ranging from aerospace to shipbuilding. The intersection of these technologies paves the way for stronger, lighter, and more efficient structures that are revolutionizing industrial production. Meanwhile, insights from one method, whether in the form of experimental findings or constitutive laws, deepen the understanding of the other.

The *Additive Manufacturing and Welding Journal* will serve as a premier platform for publishing high-quality research on fundamental principles, applied technologies, and emerging trends in these disciplines. We encourage submissions that explore novel materials, innovative processing techniques, automation, simulation, microstructure control, and quality control in both additive manufacturing and welding.

By fostering collaboration between academia, industry, and policymakers, we aim to advance the state-of-the-art and address real-world challenges. We invite researchers, engineers, and practitioners to contribute to this exciting new journal and be part of shaping the future of advanced manufacturing.

With this launch, we take an important step toward building a stronger, more connected scientific community that will drive innovation and impact industries worldwide. We look forward to your contributions and the development of a vibrant discourse on the future of additive manufacturing and welding.

Conflicts of Interest

The author declares no conflict of interest.

Copyright: © 2025 by the authors. This is an open access article under the terms and conditions of the Creative Commons Attribution (CC BY) license (https://creativecommons.org/licenses/by/4.0/).
Publisher's Note: Scilight stays neutral with regard to jurisdictional claims in published maps and institutional affiliations.