

Special Issue

Selected Papers from the 2nd International Conference on Light Materials LightMAT 2017

Message from the Guest Editors

the 2nd International Conference on Light Materials LightMAT 2017 (<https://lightmat2017.dgm.de>) gives a comprehensive overview and new insight into the three most important light metals: Aluminium, magnesium, and titanium, and their combinations. These materials are viewed individually or in combination in multi-material designs, including aspects of processing, joining, and corrosion protection. In addition, promising enabling-technologies, such as additive manufacturing are highlighted. This Special Issue on "Light Materials" is set to publish selected works presented at this event, in order to share recent progress and new achievements in this emerging field with broader scientific and industrial communities. Axel von Hehl
Jürgen Hirsch
Karl Ulrich Kainer
Christoph Leyens

Guest Editors

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Deadline for manuscript submissions

closed (15 July 2018)



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About the Journal

Message from the Editorial Board

Metallic materials play a vital role in the economic life of modern societies; contributions are sought on fresh developments that enhance our understanding of the fundamental aspects related to the relationships between processing, properties and microstructure – disciplines in the metallurgical field ranging from processing, mechanical behavior, phase transitions and microstructural evolution, nanostructures, as well as unique metallic properties – inspire general and scholarly interest among the scientific community.

Editors-in-Chief

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manuscripts are peer-reviewed and a first decision is provided to authors approximately 18 days after submission; acceptance to publication is undertaken in 2.6 days (median values for papers published in this journal in the first half of 2025).