



## Selected Papers from the 2<sup>nd</sup> International Conference on Light Materials LightMAT 2017

Guest Editors:

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Deadline for manuscript  
submissions:  
**closed (15 July 2018)**

### Message from the Guest Editors

Dear Colleagues,

the 2<sup>nd</sup> 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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## 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.

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