Special Issue

Structural Integrity of Polymeric Components Produced by Additive Manufacturing

Message from the Guest Editors

Additive Manufacturing (AM) is defined as a “process of joining materials to make objects from 3D model data, usually layer-upon-layer, as opposed to subtractive manufacturing methodologies, such as traditional machining”.
In this Special Issue, the structural integrity of polymeric components produced by additive manufacturing will be addressed. We can say that most polymers, either natural or synthetic, thermoplastic or thermosetting, can be considered as cheap materials, also characterised by low densities and by a vast diversity of mechanical resistance, ductility, toughness, and viscoelasticity, to mention a few attributes. Their use increased tremendously since the 1930s, substituting steel, glasses, etc., and introducing an extensive list of new synthetic polymers in final products. Therefore, we would like to kindly invite you to present your research or technology results concerning the use of AM of polymers, covering a broad range of all the scientific areas of knowledge.

Guest Editors

Dr. Rui F. Martins

Dr. Ricardo Branco

Prof. Dr. Filippo Berto

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Polymers
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
polymers@mdpi.com

mdpi.com/journal/polymers

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Since its foundation in 2009, *Polymers* has developed into an internationally renowned, extremely successful open access journal. The editorial team and the editorial board dedicatedly combine open-access publishing and high-quality rigorous peer reviewing. The performance of the journal has proven this strategy to be well-suited and highly successful. This is reflected in the increasing impact factor of *Polymers*, the most recent one being 4.7.

I would like to invite you to contribute to the success of the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

Editor-in-Chief

Prof. Dr. Alexander Böker
Lehrstuhl für Polymermaterialien und Polymertechnologie, University of Potsdam, 14476 Potsdam-Golm, Germany

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