



## Design and Applications of Additive Manufacturing and 3D Printing

Guest Editor:

**Dr. Mika Salmi**

Department of Mechanical  
Engineering, Aalto University,  
02150 Espoo, Finland

Deadline for manuscript  
submissions:

**closed (15 April 2019)**

### Message from the Guest Editor

Dear Colleagues,

The additive manufacturing (AM) business has grown in double digits in past years. The development of new materials and equipment has opened up new application possibilities, and equipment is quicker and cheaper using the new materials launched by vendors and material developers. AM has become more important for industry, but also for academics. Since AM offers more design freedom than any other manufacturing process, it provides designers with a new challenge to design better and more efficient products.

- Design for additive manufacturing
- Industrial applications of additive manufacturing
- Medical applications of additive manufacturing
- AM materials and equipment development
- AM processes
- Topology optimization

The objective of this Special Issue is to provide a forum for researchers and practitioners to exchange their latest achievements and to identify critical issues and challenges for future investigations of the design and applications of additive manufacturing.

Dr. Mika Salmi

*Guest Editor*



[mdpi.com/si/18968](https://mdpi.com/si/18968)



an Open Access Journal by MDPI

## Editor-in-Chief

### **Prof. Dr. Joshua M. Pearce**

Department of Electrical &  
Computer Engineering, Western  
University, London, ON N6A 3K7,  
Canada

## Message from the Editor-in-Chief

*Designs* (ISSN 2411-9660) is a peer-reviewed and open access journal which provides a unifying research framework for a wide range of engineering designs of disciplines and industrial applications, including mechanical engineering, electrical engineering, civil engineering, mechatronics, aerospace engineering, bioengineering, energy engineering, industrial engineering and manufacturing systems are of interest. We would like to invite you to contribute to the journal by sending us your high quality research papers. We would be pleased to welcome you as one of our authors.

## Author Benefits

**Open Access:** free for readers, with article processing charges (APC) paid by authors or their institutions.

**High visibility:** indexed within Scopus, Inspec, and other databases.

**Journal Rank:** CiteScore - Q2 (*Engineering (miscellaneous)*)

## Contact Us

---

*Designs* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
www.mdpi.com

mdpi.com/journal/designs  
designs@mdpi.com