



Rapid Manufacturing Technologies

Guest Editor:

Prof. Dr. Dimitris Karalekas
dkara@webmail.unipi.gr

Deadline for manuscript
submissions:

closed (30 November 2018)

Message from the Guest Editor

Dear Colleagues,

The last three decades have seen the emergence and evolution of new manufacturing technologies that offer the benefits of complexity, speed, cost, and high quality of products. Rapid Manufacturing (RM) Technologies, based on Additive Manufacturing techniques (AM), make possible the fabrication of end-use items directly from Computer Aided Design (CAD) data. Despite significant research efforts, the evolution of RM technologies is far from complete with many significant challenges that need to be overcome. The aim of this Special Issue is to collect a series of articles (experimental, analytical and computational) related to technologies, methods, materials, systems and applications in the field of Rapid Manufacturing.

- Design optimization tools and strategies
- Simulation models for RM processes
- Process reliability and product quality
- Materials considerations and characterization
- Additive Manufacturing
- Application of available technologies
- 3D micro/nanostructures

Prof. Dr. Dimitris Karalekas
Guest Editor





technologies



an Open Access Journal by MDPI

Editor-in-Chief

Assoc. Prof. Manoj Gupta

Materials Group, Department of
Mechanical Engineering, NUS, 9
Engineering Drive 1, 117576
Singapore

Message from the Editor-in-Chief

Technologies, provides a single focus for reporting on developments of all technologies, regardless of their application. It is our intention that *Technologies* becomes the journal of choice for both researchers wanting to publish their work and technologists wishing to exploit the high quality research across a wide range of potential applications. Through its open access policy, its quick publication cycle, *Technologies* will facilitate the rapid uptake and development of the research presented, ultimately providing benefit to the wider society.

Author Benefits

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

High visibility: indexed in Inspec (IET) and in the Emerging Sources Citation Index (ESCI - Web of Science) from Vol. 3.

Rapid publication: manuscripts are peer-reviewed and a first decision provided to authors approximately 16.8 days after submission; acceptance to publication is undertaken in 4.6 days (median values for papers published in this journal in the second half of 2018).

Contact Us

Technologies
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
Fax: +41 61 302 89 18
www.mdpi.com

mdpi.com/journal/technologies
technologies@mdpi.com