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## 3D & 4D Printing in Engineering Applications, 2nd Edition

Guest Editors:

**Prof. Dr. Tomasz Koziar**

Faculty of Mechatronics and  
Mechanical Engineering,  
Department of Metrology and  
Unconventional Manufacturing  
Methods, KUT—Kielce University  
of Technology, 25-314 Kielce,  
Poland

**Dr. Jerzy Bochnia**

Faculty of Mechatronics and  
Mechanical Engineering, Kielce  
University of Technology, Al.  
Tysiąclecia Państwa Polskiego 7,  
25-314 Kielce, Poland

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### Message from the Guest Editors

Over the last 20 years, 3D printing has greatly evolved. This applies to both the development of new additive manufacturing technologies and the chemistry of the materials used, increasing the metrological accuracy of manufactured objects by improving the design of 3D printers and optimizing the mechanical and tribological properties of manufactured objects. Three-dimensional printing using new intelligent materials, often based on composites, innovative design, and technological solutions, has evolved into the new concept of 4D printing. This method takes into account another, fourth dimension—time. The shape or properties of a structure can be changed via the implementation of 4D printing. Four-dimensional printing is a kind of new manufacturing philosophy based on four-dimensional printing.

The SI will publish innovative scientific research, review articles, and communications related to modern technologies of additive manufacturing and its materials, taking into account innovative tools that also fit into the realities of industrial transformation towards Industry 4.0.





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## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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Materials Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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