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## The Application of Materials in Modern Manufacturing Processes: Design, Performance and Applied Research

Guest Editors:

**Prof. Dr. Jacek Mucha**

Department of Mechanical Engineering, Faculty of Mechanical Engineering and Aeronautics, Rzeszów University of Technology, 35-959 Rzeszów, Poland

**Dr. Marta Wójcik**

Department of Materials Forming and Processing, Faculty of Mechanical Engineering and Aeronautics, Rzeszów University of Technology, Powstańców Warszawy 8, 35-959 Rzeszów, Poland

**Dr. Lydia Sobotova**

Department of Business Management and Environmental Engineering, Faculty of Mechanical Engineering, Technical University of Košice, Letná 9, 042 00 Košice, Slovakia

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This Special Issue, titled "The Application of Materials in Modern Manufacturing Processes: Design, Performance and Applied Research", is a collection of papers focusing on the current problems in both research and manufacturing. We invite you to publish in this Special Issue original scientific papers, announcements, and reviews. The issue will include papers written by scientists and research teams working in design, prototyping, data analysis, simulation, optimization, etc., in the following areas (among others):

- Advanced materials: metals, composites, and polymers;
- Joining technologies: welding, laser welding, mechanical joining, and hybrid adhesive-mechanical;
- Additive manufacturing;
- Production designing;
- New surfaces and coatings;
- Control of manufacturing processes;
- Automotive production;
- Industry 5.0 challenges and risks;
- Ecological aspects of mechanical engineering technologies.



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### 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

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