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

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Message from the Guest Editors

Dear Colleagues,

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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Message from the Editor-in-Chief

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