

## Special Issue

# Sustainable Manufacturing Processes and Machine Tool Technology

### Message from the Guest Editors

Sustainable manufacturing processes (SMP) and machine tool technology issues are extremely interesting topics nowadays that combine high performance with environmental conscious design and manufacturing. A number of issues from the design process, the machining processes to the manufacturing mechanisms are involved and the researchers are able to explore different aspects of SMPs and simulation tools. Conventional and non-conventional manufacturing can be used together under the sustainability umbrella. Simulation based optimisation can offer considerable benefits towards an environmentally friendly way of life. Computer Aided Manufacturing has gone far beyond than just creating CNC codes. Optimisation tools for machining trajectories for peculiar geometries, simulation tools based on a variety of principles and linear/nonlinear finite element methodologies applied, lead to more sustainable design and manufacturing results. This Special Issue provides an opportunity for researchers to present recent advances and technologies in the aforementioned fields and indicate the future trends for sustainability in manufacturing and tooling technologies.

### Guest Editors

Prof. Dr. John D. Kechagias

Prof. Dr. Panagiotis Kyratsis

Dr. Angelos P. Markopoulos

### Deadline for manuscript submissions

closed (31 December 2021)



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*Sustainability*  
Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland  
Tel: +41 61 683 77 34  
[sustainability@mdpi.com](mailto:sustainability@mdpi.com)

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I encourage you to contribute a research or comprehensive review article for consideration for publication in Sustainability, an international open access journal which provides an advanced forum for research findings in areas related to sustainability and sustainable development. The journal publishes original research articles, reviews, conference proceedings (peer reviewed full articles) and communications. I am confident you will find the journal contributes to enhancing understanding of sustainability and fostering initiatives and applications of sustainability-based measures and activities.

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### Editor-in-Chief

Prof. Dr. Steve W. Lyon  
School of Environment and Natural Resources, Ohio State University,  
Columbus, OH 43210, USA

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