



Sustainable Manufacturing Processes and Machine Tool Technology

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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.





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Message from the Editor-in-Chief

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