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# **Modeling of Metal Removal Processes**

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### Message from the Guest Editors

Dear Colleagues,

This Special Issue on the topic of "Modelling of Metal Removal Process" is oriented toward (but not limited to) those recent advances in the modeling of machining processes and particularly focused on predicting and optimizing key variables such as cutting forces, tool wear, and surface roughness. As a result, the works will offer some clues with respect to the optimization of machining processes and toolpath trajectories, the development of new gen technologies and processes, and so on.

Artificial intelligent models and optimization techniques to improve process reliability.

Prof. Dr. Grzegorz Królczyk Dr. Gorka Urbikain Dr. Daniel Olvera Trejo *Guest Editors* 







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# **Editor-in-Chief**

#### Message from the Editor-in-Chief

**Prof. Dr. Giulio Nicola Cerullo** Dipartimento di Fisica, Politecnico di Milano, Piazza L. da Vinci 32, 20133 Milano, Italy As the world of science becomes ever more specialized, researchers may lose themselves in the deep forest of the ever increasing number of subfields being created. This open access journal Applied Sciences has been started to link these subfields, so researchers can cut through the forest and see the surrounding, or quite distant fields and subfields to help develop his/her own research even further with the aid of this multi-dimensional network.

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