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Visual Measurement and Intelligent Robotic Manufacturing

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Message from the Guest Editors

Dear Colleagues,

Intelligent robotic manufacturing is gradually becoming the new model for processing complex components. Intelligent robotic manufacturing equipment offers several technical advantages compared to CNC machines, including highly flexible movement, variable topological structures, and strong capabilities for multi-machine parallel cooperative operations, making it well-suited to more complex and variable processing environments. This will greatly improve the precision, dexterity, and interactive capabilities of manufacturing systems, which are key directions for the advancement of intelligent manufacturing.

In this Special Issue, we seek recent findings on intelligent robotic manufacturing technologies. Authors should highlight advancements made in solving problems related to intelligent robotic manufacturing technologies. We aim to feature interdisciplinary perspectives and foster dialogue on the latest advancements in robotic machining as part of *Machines*' commitment to advancing knowledge in the field.

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Message from the Editor-in-Chief

Machines is an international, peer reviewed journal on machinery and engineering. It publishes research articles, reviews and communications.

Our aim is to encourage scientists to publish their experimental and theoretical results in as much detail as possible. There is no restriction on the length of the papers. Full experimental and/or methodical details must be provided.

There are, in addition, unique features of this journal: Manuscripts regarding research proposals and research ideas will be particularly welcomed; Electronic files or software regarding the full details of the calculation and experimental procedure - if unable to be published in a normal way can be deposited as supplementary material.

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