



Quality Inspection and Control Technology for Advanced Equipment and Machining Processes

Guest Editors:

Prof. Dr. Jun Yang

Institute of Intelligent Systems and Robotics, School of Mechanical Engineering, Xi'an Jiaotong University, Xi'an 710049, China

Prof. Dr. Jixiang Yang

School of Mechanical Science & Engineering, Huazhong University of Science and Technology, Wuhan 430074, China

Dr. Lintao Wang

School of Mechanical Engineering, Dalian University of Technology, Dalian 116024, China

Deadline for manuscript submissions:

closed (20 June 2024)

Message from the Guest Editors

The quality inspection and control of advanced equipment and processing processes has become a multidisciplinary frontier, attracting the interest of many researchers from different fields. However, there are still many challenges to overcome.

This Special Issue of Applied Sciences on “Quality Inspection and Control Technology for Advanced Equipment and Machining Processes” aims to give an overview of the latest developments regarding quality inspection and control technologies for advanced equipment and machining processes. Topics of discussion include, but are not limited to, the exploration of new theories, methods, technologies, processes, applications, etc., which enable breakthroughs in many valuable research areas such as machining error measurement and compensation, active and adaptive control of machining accuracy, advanced equipment assembly quality control technology, etc.





an Open Access Journal by MDPI

Editor-in-Chief

Prof. Dr. Giulio Nicola Cerullo
Dipartimento di Fisica,
Politecnico di Milano, Piazza L.
da Vinci 32, 20133 Milano, Italy

Message from the Editor-in-Chief

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.

Author Benefits

Open Access: free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility: indexed within Scopus, SCIE (Web of Science), Inspec, CAPlus / SciFinder, and other databases.

Journal Rank: JCR - Q1 (Engineering, Multidisciplinary) / CiteScore - Q1 (General Engineering)

Contact Us

Applied Sciences Editorial Office
MDPI, St. Alban-Anlage 66
4052 Basel, Switzerland

Tel: +41 61 683 77 34
www.mdpi.com

mdpi.com/journal/applsci
applsci@mdpi.com
[X@Applsci](https://twitter.com/Applsci)