

Welcome message from the Editor-in-Chief

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It is my pleasure, and an honor to serve as the Editor-in-Chief of Mechatronics Technology. With the rapid evolution of Mechatronics, a synergy of technologies in mechanical engineering, electrical engineering, computer science and control systems is necessary for solving complex engineering problems. Therefore, mechatronics has a significant role in developing innovation-based businesses.

Mechatronics Technology is an international, interdisciplinary, peer-reviewed, and open access journal, which covers the application of more recent techniques, innovations, and technologies used in sensing, signal processing, modeling, and actuation of a wide range of applications that include electro-mechanical systems, hydro-mechanical systems, intelligent systems, robotics, manufacturing, bio-medical systems, *etc.*

The scope of Mechatronics Technology includes, but not limited to, Sensors and actuators, Measurement, Signal processing, Modeling and identification, Digital Twins, AI and machine learning, Autonomous systems, Motion control, Advanced control systems, Learning-based control systems, Automotive systems and hybrid vehicles, Networked systems, Flight systems, Rotary machinery, Micro/nano systems, Manufacturing systems, Energy systems and smart grid, Fault detection and fault-tolerant control, System reliability and maintenance, Bio-Medical systems, Applied mechanics, Robotics, Offshore robotics, Hydraulics systems, Electrical drive technology, and Industrial automation.

Based on the advantages of open access publication for authors, Mechatronics Technology launched with a well-established publisher, aims to provide a high-level platform for researchers, practitioners, and engineers to share their latest engineering-oriented or practical research achievements with the engineering research community. Mechatronics Technology publishes Original Research Articles, Short Papers, Review Papers, and Perspectives. The journal publishes four issues per year.

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Last but not the least, I would like to thank the editorial office and editorial board members whom I have the pleasure to work with in the journal and I want to express my appreciation to the authors for promoting the journal through their high-quality submissions and to the reviewers for enriching the quality of the journal.