

NEW TITLE

*International Journal of*

# Mechatronics and Automation



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# Scope of the Journal

*IJMA is a fully refereed international journal that presents the state-of-the-art research in the area of mechatronics and industrial automation. The intention of IJMA is to provide an international forum to report latest developments from interdisciplinary theoretical studies, computational algorithm development and practical applications. It particularly welcomes those emerging methodologies and techniques which bridge theoretical studies and applications and have significant potential for real-world applications.*

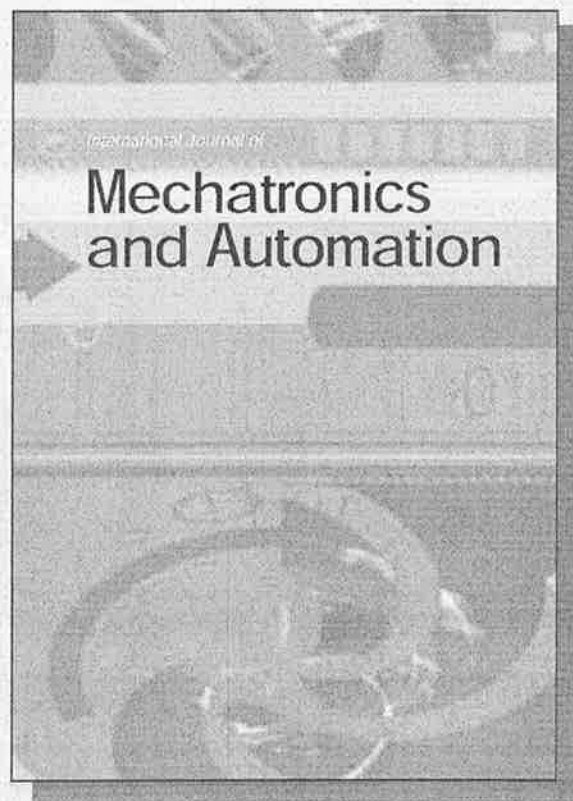
## *Contents*

*IJMA publishes original papers, technical reports, case studies, review papers and tutorials. Special Issues devoted to important topics in advanced mechatronic systems, robotics, control engineering and industrial automation will be published from time to time.*

## **Subject coverage:**

*Suitable topics include, but are not limited to:*

- Intelligent mechatronics, robotics and biomimetics
- Novel and unconventional mechatronic systems and robots
- Modelling and control of mechatronics systems and robots
- Elements, structures, mechanisms of micro and nano systems
- Sensors, wireless sensor networks and multi-sensor data fusion
- Biomedical and rehabilitation engineering, prosthetics and artificial organs
- AI, neural networks and fuzzy logic in mechatronics and robotics
- Industrial automation, process control and networked control systems
- Telerobotics, human computer interaction, human-robot interaction



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*The new IJMA will cover the area of mechatronics and automation that is currently very important and hot topics. I see that the technology of mechatronics and automation will play a major role in developing new technological products. Hence, I am expecting that the new journal will be a great hit with every researcher who is working on future innovations. It gives a great pleasure to be a part of the IJMA team.*

**Toshio Fukuda,**  
Nagoya University, Japan

*I am honored to be a part of this exciting new journal which addresses an important and emerging area of research, and believe that it will be extraordinarily successful. I am confident that IJMA will have a significant impact in the area of mechatronics and automation.*

**T.J. Tarn,**  
Washington University in St. Louis, USA

*It is certainly an honor for me to serve as an Editorial Board member for this important new journal. Mechatronics and automation technologies are central in a wide range of expanding industries across the world. IJMA promises to provide both basic and applied researchers a high quality avenue to report their work in this exciting aspect of modern engineering.*

**William R. Hamel,**  
The University of Tennessee, USA

*Mechatronics and industrial automation are at the heart of technological development and it is vital that researchers have high quality publications in which they can rapidly disseminate their results. IJMA will cover a vital and underrepresented area of research and I am confident that it will have a significant impact on the community, quickly becoming a leading journal in this field.*

**Darwin G Caldwell,**  
Italian Institute of Technology, Italy

*I am honored to be invited to serve as an Editorial Board member of this new journal. Under the guidance of Editors and Editorial Board, this new journal will be an important forum for the publication of exciting new developments in emerging technological areas.*

**James K. Mills,**  
University of Toronto, Canada

*The birth of the new journal is a big event in the exciting field of Mechatronics and Automation, and I am very proud to be a part of the strong editorial team that will maintain high quality and standards of all the papers published in it. The IJMA is certainly going to be a vital and unique source of information on the latest theoretical and practical achievements of the researchers in this multidisciplinary and very essential engineering area.*

**Nazim Mir-Nasiri,**  
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*Qinxue Pan, Shuxiang Guo,*  
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