

# CALL FOR PAPERS

## Journal of Robotics and Mechatronics

Special Issue on “Robotics and Mechatronics Technology for Aerial Robots”  
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**Focus:** Aerial robot technology, including drones and unmanned aerial vehicles, is rapidly advancing in various domains. These robots now possess enhanced autonomous flying abilities, utilizing sensor technology, GPS, LiDAR, and cameras for avoiding obstacles, landing automatically, and tracking flights. Evolving technologies in airspace management and route optimization ensure efficient and secure flights. Aerial robots find applications in diverse fields, such as agriculture, disaster response, and environmental monitoring. Equipped with high-resolution cameras and sensors, they excel in precise data collection. Swarm robotics, enabling collaborative efforts among multiple aerial robots, is also progressing. This aids in the quick coverage of large areas, benefiting disaster relief and land management. The evolution of aerial robots has led to their efficient use across fields, with new applications on the horizon. This special issue aims to facilitate the sharing of insights and interdisciplinary knowledge in aerial robotics, encompassing design, control, autonomous flight, applications, and sensing technologies. Contributions discussing the social implementation of these systems are also encouraged.

**Editors:** Hiroshi OHTAKE, Assoc. Prof., Kyushu Institute of Technology, Japan  
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### Important Dates:

<b><u>Submission deadline</u></b>	<b><u>March 20, 2024</u></b>
Notification of acceptance/rejection	July 20, 2024
Final manuscript submission	August 20, 2024
<b>Publication</b>	<b>October 20, 2024</b>

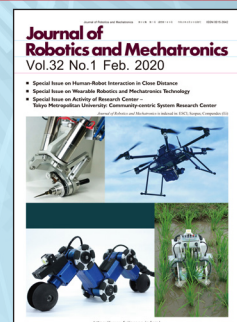
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- ◆ Papers should be submitted in Microsoft Word or PDF format. Details on submission and the journal are available at the following link: <https://www.fujipress.jp/jrm/>
- ◆ Submissions can be either Japanese or English. Submissions in Japanese will be translated by the publisher and used after being proofread by the author.
- ◆ Papers submitted to this special issue will undergo our usual review process. Paper may be published in general issues based on review results.

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