

CALL FOR PAPERS

Journal of Robotics and Mechatronics

Special Issue on “Machine Learning for Robotics and Swarm Systems”

Vol.31 No.4 (August 2019), Fuji Technology Press, Japan

Focus: The special issue, “Machine Learning for Robotics and Swarm Systems,” is focused on machine learning techniques and its application to the field of robotics including swarm systems. Swarm systems were born in a field of robotics as a kind of distributed autonomous robotic systems with the concept of the emergent methodology for extremely redundant systems. They typically consist of homogeneous autonomous robots, similar to living animals that build swarms. Recently, machine learning, such as deep learning, has been more remarkable for controlling the behaviors of these robots in real world. The topics included in this special issue are not only recent advances of machine learning techniques and its applications in the field of robotics and swarm systems, but also the controlling mechanism for multi-robots, such as evolutionary computation or other soft computing methods. Proposals involving new ideas or methods in this field are also welcome.

Guest Editors: Masahito YAMAMOTO, Prof., Hokkaido University, Japan
Takashi KAWAKAMI, Prof., Hokkaido University of Science, Japan
Keitaro NARUSE, Prof., University of Aizu, Japan

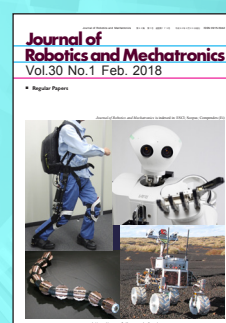
Important Dates:

<u>Submission deadline</u>	<u>January 20, 2019</u>
Notification of acceptance/rejection	May 20, 2019
Final manuscript submission	June 20, 2019
Publication	August 20, 2019

Submission/Contact to:

JRM Editorial Office, Fuji Technology Press, Japan:

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Index in: *ESCI*,
Scopus, *Compendex*

- ◆ 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/rb/>
- ◆ 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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