

CALL FOR PAPERS

Journal of Robotics and Mechatronics

Special Issue on “Systems Science of Hyper-Adaptability”

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Focus: “Hyper-adaptability” is the capability of the brain and nervous system to manage the impairment of sensory, motor, and cognitive functions by reactivating and recruiting pre-existing networks that are latent but available. To learn about hyper-adaptability, interdisciplinary research integrating mathematical modeling and robotic technologies with neuroscience findings will be important. This special issue focuses on systems science/engineering research to clarify the mechanisms of hyper-adaptability, and it widely welcomes papers related to the adaptation mechanisms of humans, animals, and robots, including, but not limited to, the following topics:

- Mathematical modeling of brain functions
- Computational principle of hyper-adaptability
- Modeling of the neuro-musculoskeletal system
- Robotic intervention for neuro-rehabilitation
- Analysis of brain dynamics in adaptation

Guest Editors: Toshiyuki KONDO, Prof., Tokyo University of Agriculture and Technology, Japan

Jun OTA, Prof., The University of Tokyo, Japan

Ryosuke CHIBA, Assoc. Prof., Asahikawa Medical University, Japan

Qi AN, Assoc. Prof., Kyushu University, Japan

Kyo KUTSUZAWA, Assist. Prof., Tohoku University, Japan

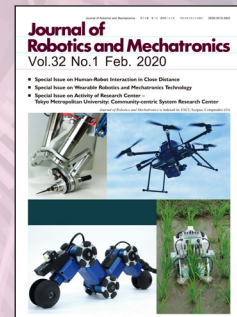
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Index in: *ESCI*,
Scopus, *Compendex*

Submission/Contact to:

JRM Editorial Office, Fuji Technology Press, Japan: robot@fujipress.jp

- ◆ 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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