

***Special Issue on  
Adaptive Motion of Animals and Machines***

Guest Editors: **Prof. Emily Standen** (University of Ottawa)  
**Prof. Auke Ijspeert** (EPFL)  
**Prof. Akio Ishiguro** (Tohoku University)  
**Prof. Koh Hosoda** (Osaka University)

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Investigating how animals and humans excel at adaptive movements including locomotion can help engineers to improve the adaptive capabilities of robots. In return, robots can serve as scientific tools to explore the basic principles of biological systems, in particular the neuromechanical mechanisms underlying their fascinating motor abilities. Studying adaptive motion stimulates, in this way, fruitful interactions among biologists and engineers interested in intelligent behaviors. It aims at bringing together researchers in robotics, biomechanics, neuroscience, sports science, and other fields related to behavior in biological and artificial systems.

This special issue strongly focuses on early and promising findings/achievements in this interdisciplinary field. We are accepting interdisciplinary papers generated from the interaction between engineers and biologists, which sometimes may not be accepted in the traditional mono-disciplinary journal. We would rather focus on new ideas generated among several fields related to adaptive intelligence.

*Submission:* The full-length manuscript (either PDF file or MS word file) should be sent by **September 30, 2021** to the office of Advanced Robotics, the Robotics Society of Japan through the homepage of Advanced Robotics (<https://www.rsj.or.jp/pub/ar/submission.html>). Instructions for authors and example manuscript template are available on the homepage. When submitting please also send a copy of your submission to **Prof. Koh Hosoda** ([hosoda@sys.es.osaka-u.ac.jp](mailto:hosoda@sys.es.osaka-u.ac.jp)) for confirmation.