

Special Issue on Advanced Robotics and Biomimetics

Call for Papers

Research related to manufacturing that learns from nature, biomimetics, has begun to attract attention worldwide. Biomimetics is a broad concept that includes not only biomimicry of the functions and structures of living things but also humanoid robots. Biomimetics is expected to bring about a new science and technology system that contributes to carbon neutrality and can deal with various problems such as energy, environment, and resources facing modern society. In this special issue, we will focus on robotics and biomimetics technologies and systems related to biomechanics, sensors, cellular/tissue engineering, and biomaterials research.

Scope:

- Robotics and biomechanics
- Computational systems, modeling, and simulation in robotics
- Neural and rehabilitation engineering
- Biomedical sensors and wearable systems
- Biomimetic surfaces
- Micro/nano-bioengineering cellular/tissue engineering and biomaterials

The materials, devices, and systems covered in the special issue will be based on technological advances from the engineering standpoint rather than clinical reports.

Guest editor: Masaki Yamaguchi (Shinshu University)

Submission due date: 31 March 2023

Publication date: Summer 2023

Journal website: <https://myukk.org>

Submit to:

1. Online Manuscript Submission System
(<https://myukk.org/form/>) or
2. Email to MYU K.K. (myukk@myu-inc.jp)

Editorial Department of *Sensors and Materials*
MYU K.K.

1-23-3-303 Sendagi, Bunkyo-ku, Tokyo 113-0022, Japan

Tel: +81-3-3827-8549, Fax: +81-3-3827-8547

E-mail: myukk@myu-inc.jp

