



## Biorobotics: Challenges, Technologies, and Trends

Guest Editor:

**Prof. Dr. Teresa Zielinska**

Institute of Aeronautics and  
Applied Mechanics (IAAM),  
Warsaw University of Technology,  
Warsaw, Poland

teresaz@meil.pw.edu.pl

Deadline for manuscript  
submissions:

**30 June 2020**

### Message from the Guest Editor

Dear Colleagues,

Currently observed significant progress in the current development of powerful robots is achieved not only due to the advanced technologies and due to imitation of the animals' body shape, but also due to the application of biologically inspired methods in design and control. Efficient methods of robot motion generation refer to the biological and neurological backgrounds.

Biorobotics comprises, in a creative way, the knowledge from engineering, cybernetics, bionics, biology, psychology, and neurology for developing the new robot designs.

The Special Issue on “Biorobotics: Challenges, Technologies, and Trends” will be devoted to this fascinating and promising area. The broad thematic range of papers covering the recent challenges, technologies, and research trends will offer to readers the knowledge and inspirations for developing the novel robots.

Detailed information about this issue can be found at:  
[https://www.mdpi.com/journal/applsci/special\\_issues/Biorobotics](https://www.mdpi.com/journal/applsci/special_issues/Biorobotics)

Prof. Dr. Teresa Zielinska  
*Guest Editor*

