

Special Issue

Intelligent Systems in Robotics

Message from the Guest Editor

Nowadays, a variety of autonomous robots are changing our daily life by working on factory assembly lines, entertainment areas, service sites, and even mobile transportation. More interestingly, the unmanned aerial, ground, surface and/or underwater systems provide more efficient ways to execute various challenging tasks. Moreover, by employing intelligent approaches, advanced control methodologies for robot systems have been rapidly developed. This Special Issue aims at exhibiting the latest research achievement, findings and ideas in the areas of intelligence for robot control. The issue will carry revised and substantially extended versions of selected papers presented at the 18th International Symposium on Advanced Intelligent Systems (ISIS2017), but we also strongly encourage researchers unable to participate in the conference to submit articles for this call. Suitable topics include, but are not limited, to the following:

- Intelligent control of mobile robots
- Intelligent of robot manipulators
- Applications of intelligent control to autonomous systems
- Unmanned surface/ underwater/ aerial vehicles

Guest Editor

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Deadline for manuscript submissions

closed (30 April 2018)



Robotics

an Open Access Journal
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Impact Factor 3.3
CiteScore 7.7



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About the Journal

Message from the Editor-in-Chief

It is my great pleasure to welcome you to our open access journal, *Robotics*, which is dedicated to both the foundations of artificial intelligence, bio-mechanics and mechatronics, and the real-world applications of robotic perception, cognition and actions. The 21st century is the robotics century and intelligent robots will change our lifestyle forever. Let us work together toward the realization of intelligent robots step by step. It is great fun to create intelligent robots and imagine their practical applications. *Robotics* is now ready to serve you in the long journey towards such a goal.

Editor-in-Chief

Prof. Dr. Marco Ceccarelli

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