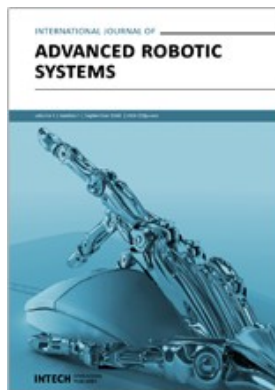

International Journal of Advanced Robotic Systems – Special Issue

International Journal of Advanced Robotic Systems



Call for Papers

Special Issue on Advanced Technologies and Applications for Smart Robot and Intelligent Systems

Guest Editors

Dr. Taeshik Shon, Dr. Yunhui Liu, Dr. Marco Ceccarelli

About the Special Issue

Nowadays, according to computer network and system development, Ubiquitous system is applied to various environments. These diverse applications increase the usage of Smart Sensor, Smart Grid, and Mobile Device. Also, the robotics is more related to the environment. The Ubiquitous with robotics demands improve the technology on robotics application and convergence technology. Related research includes the robot sensor control applications for a ubiquitous environment, associated smart sensors with robotics, smart grid, mobile devices, ubiquitous computing environment of robot technology and associated convergent services. Extended works are wearable robot, virtual environment robot, and hardware development.

The focus of the special issue is on advanced technologies and application for smart robot and intelligent systems. Topics include, but are not limited to:

- Smart sensor / Smart Grid / Mobile device technologies and theory
- Ubiquitous system and network
- Security issues on robotics
- Wearable robot, application and theory
- Virtual environment on robotics system
- Robotics hardware and its applications
- Search and Rescue Algorithm Robots
- Bio-robotic Systems
- Healthcare and Medical robots
- Micro robots and MEMS
- Intelligent localization and navigation
- Space and underwater robot system and application

IMPORTANT DATES

Submission Deadline: 30 Nov 2011

Authors Notification: 31 Jan 2012

Final Manuscript due: 28 Feb 2012

Publication: 2Q 2012

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Original, high quality contributions that are not yet published or that are not currently under review by other journals or peer-reviewed conferences are sought. To ensure rapid refereeing and publication, please submit your paper in MS Word (.doc or .docx) file format according to the detailed Instructions for Authors at <http://www.intechweb.org/ars-instructions-for-authors.html>.

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