Call for Papers

Focused Section on Micro/Nano Robotics

Guest Editors

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Advances in the field of micro and nano technologies have enabled exciting new capabilities for robotic systems operating at small scales.   From manipulation of nano-scale particles and structures to demonstrations of swimming, walking, and flying robots, miniaturization permits robotic systems to interface with their surroundings in new and innovative ways.   To disseminate current advances in micro/nano robotics technologies, this focused session seeks submissions in all relevant areas. Papers should contain both theoretical and practical/experimental results. Potential topics include but are not limited to:

- Micro and nanoscale manipulation and assembly
- Automation at the micro/nano scale
- Design of miniature robotic mechanisms and systems
- Locomotion of miniature robots
- Dynamics, sensing, and control of robots at the micro/nano scale
- Collaboration and coordination among micro/nano scale agents
- Applications of miniature robotic technologies
- Biomedical opportunities for micro/nano robots

Manuscript preparation

Papers must contain original contributions and be prepared in accordance with the journal standards. Instructions for authors are available online at: http://www.springer.com/41315.

Manuscript submission

Manuscripts should be submitted online at: https://www.editorialmanager.com/jira/default.aspx. The cover letter should report the following statement: "This paper is submitted for possible publication in the focused section on Micro/Nano Robotics." All manuscripts will be subjected to the peer review process. If you have any questions relating to this focused section, please email one of the Guest Editors.

Important dates

Paper submission: **June 1, 2018**

- Completion of first review: July 15, 2018
- Submission of revised paper: August 15, 2018
- Completion of final review: September 15, 2018
- Submission of final manuscripts and copyright forms: **September 30, 2018**
- Publication: **December 2018**