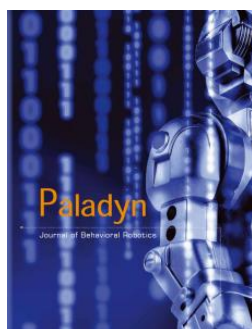


Paladyn. Journal of Behavioral Robotics

Call for Papers for

Special Issue on Assistive and Rehabilitation Robotics



- **ISSN:** 2080-9778 (print version)
- **ISSN:** 2081-4836 (electronic version)
- **Owner:** Versita
- **Distributor:** Springer Verlag
- **Publisher:** Versita, co-published with Springer Verlag

Home page: <http://www.versita.com/pjbr>

Springer page: <http://www.springer.com/computer/ai/journal/13230>

SpringerLink: <http://www.springerlink.com/content/2080-9778>

Paladyn. Journal of Behavioral Robotics invites manuscripts for the Special Issue on **Assistive and Rehabilitation Robotics**. This topical issue is dedicated to the new advances in robotics and related technologies for rehabilitation and assistance and is aimed at presenting an overview of the trends in this field.

Assistive Robotics is a field of research referring to all types of mechatronic devices, systems and technologies designed to interact with people with physical disabilities and functional impairments. The aim of these devices can be to facilitate or to replace a deficient motor function (manipulation, walking, etc.) or to improve the recovery process through neuro-rehabilitation. In this way Assistive Robotics seeks to improve the quality of life and increase independence and community reintegration of individuals with reduced functional capabilities.

The scope of the topical issue includes but is not limited to:

- Assistive devices
- Mobility aids
- Manipulation aids
- Robot-assisted neuro-rehabilitation
- Functional electrical stimulation
- Actuated orthotic and prosthetic devices
- Exoskeletons
- Sip-and-puff devices
- Gesture recognition
- Voice command
- Vision-based interaction
- Socially assistive robotics

Manuscript Submission

The authors are kindly invited to register at our paper processing system at: www.editorialmanager.com/paladyn and submit their contribution using a special track established for this topical issue. All papers will go through the Paladyn's high standards, quick, fair and comprehensive peer-review procedure. The Coordinating Editor with the help of the Guest Editor will be responsible for the final paper selection.

Instructions for authors are available online at: www.versita.com/pjbr/authors/instructions/.

In case on any questions please contact Coordinating Editor or Managing Editor.

Important Dates

Declaration of interest due: **August 31, 2011** (preliminary title and author list)

Full paper submission due: **October 31, 2011**

Notification of acceptance: **November 30, 2011**

Revised version due: **January 15, 2012**

Publication: **March, 2012**

Guest Editor

Herman van der Kooij

University of Twente, the Netherlands

h.vanderkooij@ctw.utwente.nl

Coordinating Editor

Christine Azevedo Coste

DEMAR INRIA/LIRMM, France

Christine.Azevedo@inria.fr

Managing Editor

Maciej Klemiato

Versita, Poland

mklemiato@versita.com