

Special Issue

Mobility Aids: Design, Methods, and User-Centered Solutions

Message from the Guest Editors

Mobility impairment is one of the most common types of disability, affecting about one in seven people and being more prevalent in the elderly. Impairment can be permanent and progressive as a result of chronic conditions, or impairment can be temporary from a broken leg or leg surgery. Whether the impairment is chronic or acute, the resulting physical and social challenges significantly reduce independence and have a profound impact on quality of life. Researchers trying to alleviate these challenges are investigating the many dimensions of innovative mobility aids including advanced medical devices for improved mobility, equipment that supports exercise and rehabilitation, software tools for navigation and accessibility mapping and ways to increase the uptake of mobility solutions. This Special Issue focusses on practical innovations in mobility aids with the potential to benefit the experience of people with mobility impairments.

Guest Editors

Dr. Claire Flemmer

School of Built Environment (SBE), Massey University, Palmerston North 4410, New Zealand

Dr. Jorge Morais

Research Centre for Active Living and Wellbeing (LiveWell), Instituto Politécnico de Bragança, 5300-253 Bragança, Portugal

Deadline for manuscript submissions

20 September 2026



Applied System Innovation

an Open Access Journal
Published by MDPI

Impact Factor 3.7
CiteScore 9.9



mdpi.com/si/251671

Applied System Innovation
Editorial Office
MDPI, Grosspeteranlage 5
4052 Basel, Switzerland
Tel: +41 61 683 77 34
asi@mdpi.com

mdpi.com/journal/

[asi](https://mdpi.com/journal/asi)





Applied System Innovation

an Open Access Journal
Published by MDPI

Impact Factor 3.7
CiteScore 9.9



[mdpi.com/journal/
asi](https://mdpi.com/journal/asi)



About the Journal

Message from the Editor-in-Chief

Editor-in-Chief

Prof. Dr. Christos Douligeris
Department of Informatics, University of Piraeus, 18534 Piraeus,
Greece

Author Benefits

Open Access:

free for readers, with article processing charges (APC) paid by authors or their institutions.

High Visibility:

indexed within Scopus, ESCI (Web of Science), Inspec, Ei Compendex and other databases.

Journal Rank:

JCR - Q2 (Engineering, Electrical and Electronic) /
CiteScore - Q1 (Applied Mathematics)