

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.

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