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Released: December 2014

## Assistive Technologies for Physical and Cognitive Disabilities

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### Assistive Technologies for Physical and Cognitive Disabilities



Lau Bee Theng



Part of the Advances in Medical Technologies and Clinical Practice Book Series

Lau Bee Theng  
(Swinburne University of Technology, Malaysia)

Research on assistive technologies is undergoing many developments in its effectiveness in helping those with varying impairments. New technologies are constantly being created, researched, and implemented for those who need these technological aides in daily life.

**Assistive Technologies for Physical and Cognitive Disabilities** combines worldwide cases on people with physical and cognitive disabilities with the latest applications in assistive technologies. This reference work brings different researchers together under one title to discuss current findings, developments, and ongoing research in the area of rehabilitative technology. This reference book is of critical use to professionals, researchers, healthcare practitioners, caretakers, academicians, and students.

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- ICT-Based Assistive Technologies
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- Sound and Speech Recognition-Based Assistance

ISBN: 9781466673731; © 2015; 300 pp.

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Lau Bee Theng is a senior lecturer at Swinburne University of Technology Sarawak Campus. She obtained her PhD from Universiti Malaysia Sarawak in 2005. Her research interests are in the areas of assistive and alternative tools for communication and learning mainly focus on disabled children. She has authored several papers in refereed journals and international conferences.



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