

**Seminar Topic 2:****Technology acceptance and the ageing population: A review****Speaker: CHEN Ke****Abstract:**

As we move into the 21st century, we are confronted by the convergence of two major worldwide trends: Populations will have relatively more elderly people and technological innovation is likely to occur at an unprecedented rate. If elderly people are able and prepared to use new technologies there is the potential to greatly improve the quality of their lives. China has a significant percentage of the population of the world but, no previous study has investigated the acceptance of technology by elderly Chinese. Here, a review of the literature on technology acceptance models and theories was conducted and it was found that the existing technology acceptance models have not considered the unique characteristics, abilities, and limitations of the elderly. More research is needed to generate a better understanding of determinants of technology acceptance by the elderly.

**About the speaker**

Miss CHEN Ke is currently a PhD candidate in Department of Manufacturing Engineering and Engineering Management, City University of Hong Kong. Her research focuses on the elderly people and gerontechnology.

This paper was presented at 3rd Internal Conference on Applied Human Factors and Ergonomics 2010, 17-20 July 2010, Miami, Florida, USA.