

# Foreword and Editorial

## International Journal of Neural Systems Engineering

We are very happy to publish this issue of an International Journal of Neural Systems Engineering by Global Vision School Publication.

This issue contains 2 articles. Achieving such a high quality of papers would have been impossible without the huge work that was undertaken by the Editorial Board members and External Reviewers. We take this opportunity to thank them for their great support and cooperation.

In the research “Comparison of the Validity of Neuropsychological Tests in the Diagnosis of Mild Cognitive Impairment”, the aim of this study was to find out the optimal cut off scores of each neuropsychological test for dementia to diagnose MCI(mild cognitive impairment) by applying these tests to MCI group and analyzing validity of these tests. A total of 207 persons aged from 60 to 80 years who visited G National Mental Health Hospital in a provincial area to get an early examination for dementia from 1. June 2009 to 31. December 2012 were enrolled in this study. For this study were neuropsychological tests used where the results can be shown in Z-scores. The word list recall test (-0.15; 71.4% sensitivity, 74.2% specificity) got the highest optimal cut off score for MCI diagnosis (Z-score) All the tools were effective in screening but it's tests had different cut off scores. Therefore, it is necessary to make a comparison of sensitivity and specificity among the tests rather than a consistent cut off score on a clinical basis.

In the paper “Seeking Ways to Vitalize Traditional Markets in Design with Design Thinking Process”, in recent years, the development of various distribution networks and the change of consumer needs have weakened the status of traditional markets, which have played a pivotal role in the past economy. Although the government has been making steady efforts to revive traditional markets in a sense of crisis, it was not easy to attract younger generation to the traditional market only by modernizing its facilities. In this context, this study aims to increase students' interest in market by connecting the traditional market project with the Art and Creativity course in college. In so doing, this project will have students contribute to the local economy as potential customers. Research method is a case study, and the course was conducted by attaching design thinking process to the Shin-Jeong Market Activation Plan project. The goal of this study is to have students interested in the traditional market spontaneously and encourage them to approach and solve problems through design thinking process.

June 2018

**Editor-in-chief of the June Issue on  
International Journal of Neural Systems Engineering**