

Workshop on Digital Content, Digital Life, and Human Computer Interface

Date: Wednesday, 12 Dec. 2012

Room: 3F 318.319

Session: Digital Content and Virtual Reality (1:00~2:30 pm)

Chair: **Prof. Der-Lor Way**, Taipei National University of Arts

- 1066 Virtual Multiple-Perspective Display using Pyramidal or Conical Showcase
Yu-Tsung Chiu and Mau-Tsuen Yang
- 1071 Stroke Rehabilitation via a Haptics-Enhanced Virtual Reality System
Shih-Ching Yeh, Si-Huei Lee, Jia-Chi Wang, Shuya Chen, Yu-Tsung Chen, Yi-Yung Yang, Huang-Ren Chen, Yen-Po Hung, Albert Rizzo, and Te-Lu Tsai
- 1084 Image-Based Wearable Tangible Interface
Jiung-Yao Huang, Yong-Zeng Yeo, Lin Huei, and Chung-Hsien Tsai
- 1124 The Creation of V-fold Animal Pop-up Cards from 3D Models Using a Directed Acyclic Graph
Der-Lor Way, Yong-Ning Hu, and Zen-Chung Shih
- 1140 MagMobile: Enhancing Social Interactions with Rapid View-Stitching Games of Mobile Devices
Da-Yuan Huang, Tzu-Wen Chang, Min-Lun Tsai, Chien-Pang Lin, Neng-Hao Yu, Mike Y. Chen, Yi-Ping Hung, and Chih-Hao Hsu

Session: Human Computer Interaction, Pattern Recognition, and Computer Vision (2:45~4:15 pm)

Chair: **Prof. Pau-Choo Chung**, National Cheng Kung University

- 1162 Computer-Vision Based Hand Gesture Recognition and Its Application in Iphone
Hsi-Chieh Lee, Che-Yu Shih, and Tzu-Miao Lin
- 1169 An Adaptive Video Program Recommender Based on Group User Profiles
Chun-Rong Su, Yu-Wei Li, Rui-Zhe Zhang, and Jiann-Jone Chen
- 1200 Automatic Dancing Assessment Using Kinect
Ta-Che Huang, Yu-Chuan Cheng, and Cheng-Chin Chiang
- 1204 A new view-calibrated approach for abnormal gait detection
Kuo-Wei Lin, Shu-Ting Wang, Pau-Choo Chung, and Ching-Fang Yang
- 1205 Modeling and Recognizing Action Contexts in Persons Using Sparse Representation
Kai-Ting Chuang, Jun-Wei Hsieh, and Yilin Yan