

# INTERNATIONAL JOURNAL OF ADVANCED PERVASIVE AND UBIQUITOUS COMPUTING

January-March 2012, Vol. 4, No. 1

## Table of Contents

### RESEARCH ARTICLES

- 1 Optimization of Matched Chaotic Frequency Modulation Excitation Sequences for Multichannel Simultaneously Triggered Ultrasonic Ranging System**  
*Zhen-Jing Yao, Institute of Disaster Prevention Science and Technology, China*  
*Tao Gao, Electronic Information Products Supervision and Inspection Institute of Hebei Province, China*
  
- 17 Strategic Study on Culture Brand in Shijiazhuang**  
*Bing Zhao, Hebei University of Technology, and Shijiazhuang University, China*  
*Jiantao Zhao, Hebei University of Technology, and Hebei Academy of Governance, China*  
*Fengye Xu, Shijiazhuang University, China*
  
- 23 The Impact of Perceived Severity of an Outcome Upon Purchase Intention from the Perspective of Attribution**  
*Yaxiong Wu, SouthWest Jiaotong University, and Shijiazhuang University, China*  
*Bing Zhao, Hebei University of Technology, and Shijiazhuang University, China*
  
- 29 Video Capture System Based on PXA270 Platform**  
*QingLi Yang, Patent Examination Cooperation Center of The Patent Office-SIPO, China*
  
- 35 An Improved Connection Method for Multi-Core SoC**  
*Chunping Zhang, Shijiazhuang Vocational Institute of Technology, China*
  
- 49 Performance Studies on Campus-Wide Focus on FTP, Video and VoIP Ethernet Network**  
*Nurul I. Sarkar, Auckland University of Technology, New Zealand*  
*Kashif Nisar, Auckland University of Technology, New Zealand, and Universiti Utara Malaysia, Malaysia*  
*Layangi Babbage, Auckland University of Technology, New Zealand*