## **Table of Contents**

## IC4E 2012 Session 1

Visualization Complex Cognitive Networks  MENG Shimin	1
Identification and Prioritization of Effective Services Factors Offered by University for Students' satisfaction, Using Kano's Model: Evidence, Islamic Azad University of Iran, Firoozkuh Branch  Mehdi Zaribaf, Mahrokh Mokhtaran and Masoud lajevardi	$\epsilon$
Pedagogical Criteria for Successful Use of Wikis as Collaborative Writing Tools in Teacher Education  Said Hadjerrouit	11
PROPOSED INTERACTIVE MAP (MODULAR ACTIVITY PACKET): A TOOL FOR AN OUTCOMES BASED COMPUTER PROGRAMMING  Rosanna Villapando, Albert Vinluan, Laurice Ann Iglesia and Marc Laureta	16
A Configurable and Extensible Portal Framework for E-Learning Environments Jian Chen, Hongyuan Wang, Kangping Wang, Yafei Yan and Jinguo Teng	21
IC4E 2012 Session 2	
A Study on the Factors Affecting Smart Phone Application Acceptance Hee Seo Lee, Taek Gyeom Kim and Ji Youn Choi	27
Implementation of an Online Collaborative Learning through Grid Portal Technology Dayang hjh. Tiawa Awang hj. Hamid, Nurliyana Zakaria and Md. Rajibul Islam	35
Design of Expanded Assessment Management System for Open-Source Moodle LMS Module Sin-Wung Kim, Ju-In Youn and Yong-Sung Kim	43
Data Modeling of Workflow-XML Resource Model  Myung-Ju Shin, Sin-Wung Kim, Hye-Jin Jeong and Yong-Sung Kim	48
Providing in-depth and personalised feedback to online students using audio recording Ian Wallace and Catherine Moore	53
IC4E 2012 Session 3	
Design and Implementation of Hanja Training Serious Game for Smart Phones Eun-ho Lee, Sung-ho Kim, Jung-yoon Kim and Yong-sung Kim	59
Media Usage by Thai International Students - An Empirical Survey  Michael Grosch and Brian Philips	64
Novel Approach in Distance Education using Satellite Broadcast  Anupam Basu, Aniruddha Sinha, Arindam Saha and Arpan Pal	69
Development of Chemical Bond Website for Field Dependent and Field Independent Learners Noor Dayana Abd Halim, Mohamad Bilal Ali and Noraffandy Yahaya	75
Preparing General Technology Teachers in China for New Roles and Responsibilities <i>Kar-Tin Lee</i>	80
IC4E 2012 Session 4	
An Empirical Study of Learning Objects As Alternative Pedagogical Tool In Engineering Education  Yong-Wee Sek, Siong-Hoe Lau, Abd Samad Hasan Basri, Syariffanor Hisham, Check-Yee	85

Law and Ahmad Naim b. Che Pee

Students' Perceptions of MyMathLab: An Online Learning Management System Check-Yee Law, Lik-Neo Ng, Wei-Wei Goh, Cheng-Lan Tay and Yong-Wee Sek	89
A Framework Correlating Decision Making Style and Business Intelligence Aspect Farnaz Mohammadi and Nastaran Hajiheydari	94
A Study on the Influence of the Characteristics of Power Blogs and the User's Trust on the Purchasing Intention  Seung Hye Ahn, Kyuong Hwan Jang and Chung Hun Lee	99
Breaking Gender Boundary by Gender Mobility into Technology—Elite Girls' Powers in Undergraduate Experiences in Taiwan  Ya-Hsuan Wang and Hsin-Jen Chen	106
IC4E 2012 Session 5	
The Usability, Creditability and Security of E-voting System in Education Sector Mohamed Al-Ibrahim and Jasem Al-Ostad	111
Creating and Implementing E-Portfolios For Lifelong Learning and Evaluation <i>Bob G. Barrett, Jr.</i>	116
The current use and effectiveness of Weblogs as e-learning tools in higher education <i>Alhojailan, Mohammed</i>	120
Cooperating the web services as distributed to create a Non-Repudiation service Mohammad rostami, Esmaeil bagheri and Maryam lotfi	125
E-learning Process: Students' Perspective  Vilmante Kumpikaite and Kestutis Duoba	130
IC4E 2012 Session 6	
A Time Allotment Recipe for Electronic Group Meetings  Zachary Wong	135
The Study of Implementing Augmented Reality Assessment on Lower-Grade Life Curriculum Meng-shun Chen, Chun-Huang Wang and Koun-Tem Sun	139
Development of an Application Program to Help Evidence Preservation by Using an Android Mobile Phone  Wataru Takahashi, Ryoichi Sasaki and Tetsutaro Uehara	144
Development and Application of "MRC-Lite" to Support Easily Multiple Risk Communication  Kenta Oishi, Takashi Shitamichi and Ryoichi Sasaki	150
Application of Social Consensus Support System for IT Risk Measure "Social-MRC" to The Information Filtering Issue for Children  Masaru Ookawara, Kazushige Takakusaki, Hiroshi Yajima, Hidetaka Masuda, Ryoichi Sasaki and Tetsuro Kobayashi	158
IC4E 2012 Session 7	
Development of a Support Tool for Introducing a Filtering Service into a Personal Computer Yuta Homma, Masatoshi Kawakami and Ryoichi Sasaki	168
Statistical analysis and consideration of personal information leakage from the viewpoint of locality  Hitoshi Fumikura, Tetsuro Kobayashi and Ryoichi Sasaki	174

Ability of business employee and customer satisfaction research in the relationship-Modulating effect of Purchasing propensity – Sa-Won Kim, Sun-Jung Moon and Min-Ji Ryu	181
Interface Design of Handheld Mobile Devices for the Older Users Wu Qian and Wang WenDao	185
Practices and Cases in e-education  M.Saravanakumar and N. V. Jayaraman	189
IC4E 2012 Session 8	
E-Government Implementation in Indonesia: Financial Transparency on the Web Budi Hermana, Avinanta Tarigan, Henny Medyawati and Widya Silfianti	194
Do Information's Richness of Provincial Government Websites Will Support Regional Economics in Indonesia?  Anggamada Rizky, Henny Medyawati and Budi Hermana	200
Pattern and Relationship Between Multiple Intelligences, Personality Traits and Critical Thinking Skills Among High Achievers in Malaysia  Lee Ming Foong, Rio Sumarni Shariffudin and Nora Mislan	205
Do high-stakes tests facilitate or hinder the use of ICT in the classroom? Hadi Salehi and Zeinab Salehi	210
Integration of ICT in language teaching: Challenges and barriers  Hadi Salehi and Zeinab Salehi	215
Author Index	221