ATISR2013

Program at-a-Glance

November 23, 2013
10:00-17:00  Registration
12:00-13:30  Lunch (Grand Garden Restaurant)
13:30-15:00  Session 1, 2
15:30-17:00  Session 3, 4

November 24, 2014
09:00-15:00  Registration
09:00-10:30  Session 5, 6, 7
11:00-12:00  Session 8 (Keynote)
12:00-13:30  Lunch (Grand Garden Restaurant)
13:30-15:00  Session 9, 10, 11
Saturday, November 23, 2013

Multimedia

Session[1]  13:30-15:00  Room 108 (VF)

Session Chair: Roger Lee
Central Michigan University

A FRAMEWORK FOR COMPARING PHOTOS FROM MOBILE DEVICES USING LOCATION AND ORIENTATION
Trevor Zablocki  Central Michigan University
Roger Lee  Central Michigan University
Satoshi Takahashi  University of Electro-Communications
Tokuro Matsuo  Advanced Institute of Industrial Technology

DETECTING MOVIE SEGMENTS USING MIXED NORMAL MODELS AND MIXED BETA MODELS IN VOD LECTURES WITH JAPANESE SUBTITLES
Hiromitsu Shiina  Okayama University of Science
Shingo Nakamura  Graduate school of Okayama University of Science
Nobuyuki Kobayashi  Sanyo Gakuen University
Fumio Kitagawa  Okayama University of Science

AUTOMATIC RECOGNITION OF DNA NANOSTRUCTURES IN ATOMIC FORCE MICROSCOPY (AFM) IMAGE: FIRST EXPERIENCE ON DNA PLIERS
Yuexing Han  TITECH
Akito Hara  TITECH
Akinori Kuzuya  Kansai University
Ryousuke Watanae  Kansai University
Yuichi Ohya  Kansai University
Akihiko Konagaya  TITECH

PYRAMID DIFFERENCE REVERSIBLE IMAGE WATERMARKING SCHEME
Chien-Chang Chen  Tamkang University
Saturday, November 23, 2013

**Information Management**

Session [2]  13:30-15:00  Room 109 (VF)

**Session Chair:** Chun Meng Tang  
JCU Singapore

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**ACCEPTANCE OF B2E MOBILE COMMERCE: AN EMPIRICAL STUDY OF THE EFFECTS OF USER, TECHNOLOGY AND TASK ON THE LOGISTICS INDUSTRY**
Tzung-I Tang  National Chengchi University  
Cheng-Che Tsai  National Yunlin University of Science & Technology

**THE RELATIONSHIPS BETWEEN TRUSTING BELIEFS, TRUSTING INTENTIONS AND TRUST-RELATED BEHAVIORS: THE CASE OF ONLINE SOCIAL COMMUNITIES**
Chun Meng Tang  JCU Singapore  
Govindan Marthandan  Multimedia University

**LIBRARY PATRON'S INTEREST AREA PROFILING AND SIMILARITY BASED GROUPING -- WITH AN INVESTIGATION ON APPLICABILITY TO STUDY GROUP FORMATION --**
Toshiro Minami  Kyushu Institute of Information Sciences and Kyushu University Library  
Kensuke Baba  Kyushu University

**HIERARCHICAL TOPIC KEYWORD EXTRACTION TECHNIQUE FOR LARGE TEXT STREAMS**
Man Xuan  University of Seoul  
Han-Joon Kim  University of Seoul
Saturday, November 23, 2013

Multimedia

Session[3] 15:30-17:00 Room 108 (VF)

Session Chair: Chien-Chang Chen
Tamkang University

MOLECULAR ROBOTICS PROJECT: TOWARD ARTIFACTS WITH SENSORS, ACTUATORS AND INTELLIGENCE
Akihiko Konagaya  Tokyo Institute of Technology
Masami Hagiya  The University of Tokyo
Satoshi Kobayashi  The University of Electro-Communications
Hirohide Saito  Kyoto University
Satoshi Murata  Tohoku University

A STUDY ON CRISIS MANAGEMENT OF ANIMAL INFECTIOUS DISEASE -MATHEMATICAL MODEL OF INFECTIOUS DISEASE OF GOAT INCLUDING SEASONAL VARIATION OF REPRODUCTION-
Yoshihito Yonahara  University of the Ryukyus
Teppei Hirata  University of the Ryukyus
Faramarz Asharif  University of the Ryukyus
Tsutomu Omatsu  Tokyo University of Agriculture and Technology
Takeshi Miyagi  University of the Ryukyus
Yasunori Nagata  University of the Ryukyus
Mizutani Tetsuya  Tokyo University of Agriculture and Technology
Shiro Tamaki  University of the Ryukyus

USING COMBINED METHODS OF OVERSAMPLING AND ADAPTIVE FILTERS FOR SUPPRESSING NOISE
Shih-Yu Pan  Industrial Technology Research Institute, ITRI South Campus
Saturday, November 23, 2013

Information Management

Session[4]  15:30-17:00  Room 109 (VF)

Session Chair: Chandra S Amaravadi
Western Illinois University

INVESTIGATING THE FACTORS AFFECTING ONLINE KNOWLEDGE ADOPTION
Chien-Hsiang Chou  National Chengchi University
Yi-Shun Wang  National Changhua University of Education
Tzung-I Tang  National Chengchi University

A GRAPHICAL SCHEME FOR COMPLEX KNOWLEDGE REPRESENTATION
Chandra S Amaravadi  Western Illinois University

A NEW PARADIGM IN INFORMATION RESEARCH
Jose M. Vicente-Gomila and  Universitat Politècnica de València
Miguel Angel Artacho  Universitat Politècnica de València

E-MAIL LANGUAGE TRICKS FOR POOR TASK-TECHNOLOGY FIT
Joyce Y.H. Lee  Yuan-Ze University
Niki Panteli  University of Bath
Sunday, November 24, 2013

Security

Session[5] 09:00-10:30 Room 107 (VF)

Session Chair: C. Henry Tseng
National Taipei University

SECURITY EVENT HANDLING FRAMEWORK FOR ADVANCED METERING INFRASTRUCTURE
He-Ming Ruan National Taiwan University
Gan Wei Yeap National Taiwan University
Chin-Laung Lei National Taiwan University

BUILDING A CLOUD COMPUTING SYSTEM FOR TESTING PARALLEL FULLY HOMORPHICS CRYPTOGRAPHY
Chia-Chu Chiang University of Arkansas at Little Rock
Ryan Hayward Market Strategies International

DEVELOPMENT AND EVALUATION OF THE SECURITY SUGOROKU HYBRID SYSTEM FOR INFORMATION SECURITY EDUCATION
Satoshi Ichikawa Tokyo Denki University
Kazuhiro Aida Authorized NPO eparts
Ryoichi Sasaki Tokyo Denki University

CRYPTANALYSIS OF A UBIQUITOUS AUTHENTICATION SCHEME FOR RFID SYSTEMS
Kuo-Hui Yeh National Dong Hwa University
Fan-Wei Wang National Dong Hwa University
Teng-Wun Yu National Dong Hwa University
Sunday, November 24, 2013

**Session[6]**

**System**

09:00-10:30 Room 108 (VF)

**Session Chair:** ShiauHuey Wang  
Chung Yuan Christian University

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**THE DESIGN ON PROCESS CONTROL SYSTEM OF FOR PREPARE AND MATCH IN THE GAMES AS AN ATHLETE**  
Siyin Han  
Shanghai University of Sports

**LOCAL ADVERTISEMENT DISTRIBUTION SYSTEM BASED ON THE LEVEL OF USER'S INTEREST AND THE DISTRIBUTION DISTANCE**  
Yoshiki Suzuki  
Jun Sawamoto  
Norihisa Segawa  
Eiji Sugino  
Hiroyuki Sato  
Yuji Wada  
Iwate Prefectural University

**ENUMERATION OF REACHABLE, FORBIDDEN, LIVE AND DEADLOCK STATES OF K-TH ORDER SYSTEM (WITH A BOTTOM NON-SHARING RESOURCE PLACE) OF PETRI NETS**  
Daniel Yuh Chao  
Tsung Hsien Yu  
National Cheng Chi University

**DEVELOPMENT AND EVALUATION OF GUIDELINE TOTAL SUPPORT SYSTEM FOR SUPPORTING EVIDENCE PRESERVATION**  
Takamichi Amano  
Wataru Takahashi  
Tetsutaro Uehara  
Ryoichi Sasaki  
Tokyo Denki University
Sunday, November 24, 2013

**Marketing**

**Session[7]** 09:00-10:30  Room 109 (VF)

**Session Chair:** Helena Lindskog  
Linköping University

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**FIVE FORCE ANALYSIS OF OLIVE OIL SOAP SALES THROUGH ONLINE STORES**  
Serhan Demirci  
Chien-Wen Chen  
Feng Chia University  
Feng Chia University

**BETTER PUBLIC BUYERS WITH ELECTRONIC PROCUREMENT**  
Helena Lindskog  
Staffan Brege  
Per-Olof Brehmer  
Linköping University  
Linköping University  
Linköping University

**SATISFACTION IN E-NEGOTIATION: A MULTIDIMENSIONAL CONSTRUCT**  
Shikui Wu  
Bo Yu  
Gregory E. Kersten  
Concordia University  
Concordia University  
Concordia University

**MINI INVASIVE AESTHETIC PURCHASE INTENTION**  
Chien-Wen Chen  
Yen-Hui Tsai  
Suet-Fung Cheung  
Feng Chia University  
Feng Chia University  
Xantia Limited Company
Sunday, November 24, 2013

Information Technology

Session[9] 13:30-15:00 Room 107 (VF)

Session Chair: Shang-Pin Ma
National Taiwan Ocean University

A GRAPH-BASED ALGORITHM FOR FILL-IN-BLANK PROBLEM GENERATION IN JAVA PROGRAMMING LEARNING ASSISTANT SYSTEM
Nobuo Funabiki  Okayama University
Toru Nakanishi  Okayama University
Kan Watanab  Okayama University

UML-BASED SERVICE COMPONENT DISCOVERY
Shang-Pin Ma  National Taiwan Ocean University
Yao-Yu Tsai  National Taiwan Ocean University
Shin-Jie Lee  National Cheng Kung University

DEVELOPMENT AND EVALUATION OF THE APPLICATION PROGRAM “LOOKUPPER” TO IMPROVE THE SPAM DISCOVERY FUNCTION AND DISPLAY FUNCTION OF TWITTER
Kazuki Wakai  Tokyo Denki University
Taisuke Okada  Tokyo Denki University
Yusuke Kamata  Tokyo Denki University
Ryoichi Sasaki  Tokyo Denki University

A DISTRIBUTION DERIVED FROM THE LINUX OPERATING SYSTEM FOR LEARNING DATABASE TECHNOLOGIES
Kunihiko Kaneko  Kyushu University
Sunday, November 24, 2013

Strategy

Session[10]  13:30-15:00  Room 108 (VF)

Session Chair: Richard Cho
University of New Brunswick, Saint John

UNDERSTANDING THE DYNAMICS BETWEEN ORGANIZATIONAL IT STRATEGY AND PERFORMANCE

Yi-Wen Liao  Chia Nan University of Pharmacy and Science
Yi-Shun Wang  National Changhua University of Education
Yi-Min Tu  National Sun Yat-sen University
Tzung-I Tang  National Chengchi University

HOW TO EXAMINE COURSES RELATED TO STUDENTS' RETENTION

Richard Cho  University of New Brunswick, Saint John
DO PRODUCT REVIEWS REALLY REDUCE SEARCH COSTS AND INCREASE DECISION CONFIDENCE?
Naveen Amblee  
Indian Institute of Management Kozhikode
Rahat Ullah  
KAIST
Wonjoon Kim  
KAIST

THE EFFECT OF POP-UP ADS APPEARANCE TIMING ON BROWSING BEHAVIOR
Shao-Kang Lo  
Chinese Culture University
Yu-Ping Chiu  
National Taiwan University of Science and Technology
Ai-Yun Hsieh  
National Taiwan University of Science and Technology
Ting Lie  
Yuan Ze University

AUTOMATED PRODUCT MATCHING (APM) IN THE GLOBAL E-BUSINESS MARKET
Shin-Ping Tucker  
UW-Superior
Dennis Tucker  
Yassuo Consulting Company
Virtual Presentation

OBJECT TRACKING BASED ON PREDICTED LOCATION AND SHAPE IN VIDEO STREAMS

Du-Hyung Cho
Seok-Lyong Lee

Hankuk University of Foreign Studies
Hankuk University of Foreign Studies