IACIS Pacific 2005
Conference Program

Theme: Technology and Information Security Issues in Knowledge-Based Organizations

Organized by:
International Association for Computer Information Systems
Taiwan Management Institute
Chang Gung University, Taiwan

Taipei, Taiwan
May 19-21, 2005
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Distinguished Guests, Ladies and Gentlemen:

Welcome to the IACIS Pacific 2005 Conference Program and TMI Knowledge-based Economy Forum.

Building a knowledge economy and developing competitive strength are key issues worldwide in the new century, and important priorities of Taiwan’s Challenge 2008 National Development Plan. I am happy to report to you that Taiwan ranks 20th worldwide in the World Bank’s Global Knowledge Economy Index (KEI) for 2005, and third in Asia. This shows that we are making substantial progress in our efforts to promote knowledge creation and technological innovation in Taiwan.

The IACIS Pacific 2005 Conference Program and TMI Knowledge-based Economy Forum bring together outstanding leaders in industry, government, academia, and research from 18 countries. During your stay here, you will be discussing issues related to the development of the knowledge economy and “knowledge-based technology and information security.” Your opinions and the conclusions reached by the conference will be of great interest to all Asia-Pacific countries that seek to develop competitive, knowledge-based economies, strengthen their global competitiveness, reduce the digital divide, and promote the development and prosperity of the Asia-Pacific region.

Please accept my best wishes for a successful conference, and for a pleasant and productive stay in Taiwan.

Sheng-Cheng Hu
Chairman
Council for Economic Planning and Development
Greetings from the Co-organizer of Practical Sessions

On behalf of the organizing committee of practical sessions, I am pleased to welcome you to the IACIS Pacific 2005 Conference.

In a knowledge-based society, the applications of computers and information systems become more and more pervasive and sophisticated. It is essential for every company and every organization to understand the impact of new technologies which significantly improve their effectiveness. In this year’s practical sessions, we have chosen RFID and Business Intelligence (BI) as key technologies for discussion. Business executives and experts are invited to share their view and experience in these two areas. Through the discussions, we expect to provide the participants with the latest information and the trend of future development.

Let’s work together to establish an intelligent and secure society!

Sincerely,

Ho-ming Huang, Ph.D.
Co-chairman of the organization committee, TMI
Honored Guests, Ladies and Gentlemen:
Welcome to the opening of the IACIS Pacific 2005 Conference Program and TMI Knowledge-Based Economy Forum at the Grand Hotel in Taipei. It is an honor and a pleasure to be invited to participate in this conference, which is being attended by so many outstanding scholars, researchers, and specialists from both industry and academia.

**New challenges in the knowledge-based century**

The great progress in information and communications technology (ICT) has enabled the whole world to become interconnected in a single integrated global network. This situation has made possible the rapid accumulation and deepening of human knowledge, which is gradually replacing land and capital to become the key driver of economic growth. Owing to accelerated globalization and digitization, many new knowledge-based industries are emerging and e-commerce is expanding rapidly, resulting in the formation of an online economy and a borderless global village. Electronic cash flows now take place instantly, without regard to location or distance. These changes have had a profound impact on the world economy and international financial operations, markedly affecting economic development in every country.

As we know, the extensive application of digital technology has also given rise to problems concerning the order and safety of Internet transactions. Typical examples include the malicious spread of computer viruses, Internet fraud, and hacker crimes. In view of this situation, a recent G-8 conference of finance ministers called for closer coordination and cooperation worldwide to more effectively monitor and regulate electronic finance, commerce, and
trade. The same conference also encouraged international economic organizations to strengthen precautions against threats to e-finance and e-commerce, and to upgrade their ability to prevent and resolve crises. All of this reflects a growing worldwide commitment to strengthening information-protection technology and building a safe, knowledge-based information society.

**Taiwan occupies a high point in the knowledge-based Century**

In the knowledge-based, digitized 21st century, brain-powered industries reign supreme and knowledge is national power. As management guru Peter Drucker once said, when the knowledge-based economy emerges, knowledge, not labor nor capital, will be the essential economic resource or means of production. Given the scarcity of its natural resources, Taiwan has long depended on brainpower to propel its economy forward. And knowledge-based infrastructure, knowledge-based technology, and information safety will be key to Taiwan’s economic development going forward. During the past few years, Taiwan has already achieved significant results in knowledge-based and digitized development, and now stands in a favorable position to compete globally in the knowledge-based century. Its strength in this arena is well exemplified by the following:

- Its strong achievements in knowledge creation and technological innovation are reflected by its performance in the Scientific Citation Index (SCI). In 2003, according to SCI statistics, Taiwan produced 12,392 scientific papers, ranking 18th worldwide.
- Taiwanese were awarded 5,298 U.S. patents in 2003, the 4th highest in the world.
- Taiwan received a score of 8.04 points out of 10 in the World Bank’s Global Knowledge Economy Index (KEI) for 2005, ranking 20th among 128 countries worldwide and second among the Asian dragons, just behind Singapore’s 8.24 points and comfortably ahead of Hong Kong’s 7.85 points and South Korea’s 7.59 points. This reflects the success of Taiwan’s efforts to develop into a knowledge-based economy.

**Knowledge-based Taiwan, a world competitor**

The government is actively encouraging the broad-scale application of information and communications technology (ICT) in order to accelerate Taiwan’s progress toward a knowledge-based economy and its transformation into a “green silicon” knowledge-based society. It is raising the technology
intensity and knowledge intensity of industrial production, and reducing the knowledge-development gap with the advanced countries. Important measures taken in this regard include:

- **Implementing the e-Taiwan Development Project**

  The e-Taiwan Project is one of ten major projects included in the *Challenge 2008* National Development Plan, which was unveiled in May 2002. Focusing on three dimensions of development—infrastructure, industry, and applications demand—this project aims at transforming Taiwan into Asia’s foremost e-society.

  - With regard to infrastructure, our major task is to develop the requisite infrastructure environment for connecting households to broadband information and communication networks.
  
  - In industrial development, our top priority is to support Taiwan’s Two-Trillion Twin-Star industries, including the emerging high-potential digital content industry.
  
  - In applications demand, the major emphasis is on implementing such electronic applications as the operation of voice-over Internet Protocol (VOIP) and radio frequency identification (RFID). These emerging ICT technologies will help promote the development of e-government, e-enterprise, and e-society, expanding demand in domestic markets and upgrading the capacity of related industries.

- **Promoting the “M” (mobile) Taiwan Plan**

  Taiwan now enjoys the highest cellular (mobile communications) penetration rate in the world, and its share of the world market for wireless local area networks (WLAN) approaches 80%. Building upon these strengths, as well as advantages in manufacturing and applications services, the “M” (or mobile) Taiwan project will combine the mobile phone, digital content, and wireless network industries into an integrated mobile Internet and wireless Internet system. Major features of this project include:

  - Promoting the installation of a 6,000-kilometer channel that will provide broadband connectivity to business enterprises, resolve subscriber loop problems, and make Taiwan’s broadband connection charges among the ten lowest worldwide.

  - Integrating local area wireless networks and the mobile phone Internet to create the world’s first dual-network service environment. This will take
Taiwan from the e-stage of electronic communication to the m-stage, while promoting the development of related communications industries and services and helping to build Taiwan’s third trillion-dollar industry.

Ladies and Gentlemen, Taiwan has already made substantial progress in its efforts to develop ICT industries. However, in the deepening of information technology, the development of educational and human resources, and the provision of information security, it is still some distance behind the world’s most advanced countries. Today, the International Association for Computer Information Systems, the Taiwan Management Institute, and Chang Gung University have convened this meeting of outstanding leaders in industry, government, academia, and research to examine such critically important issues as “building an intelligent and secure e-society” and “technology and information security.” I am confident that the knowledge you share and the new insights you present will help Taiwan to create an intelligent and secure information environment, bringing the vision of a “knowledge-based Taiwan” a big step closer to realization. I would also like to note that, under the plan for an APEC Digital Opportunity Center, we would be happy to share our experience in R&D and information communications technology with other countries, helping to narrow the digital divide worldwide.

Finally, please allow me to offer my best wishes for a successful conference and for our foreign guests to enjoy a pleasant visit to Taiwan. Thank you very much.
Welcome to the International Association for Computer Information Systems (IACIS) Pacific 2005 Conference. This promises to be a special event for all who attend.

Because IACIS Pacific 2005 is our first effort to sponsor a conference in Asia, it is important to make the conference attractive to scholars and researchers producing exceptional work. As you can see, your participation and support of IACIS Pacific is crucial to the Organizing Committee. Without your help and support we could not attract 352 research papers with scholars from 18 countries, provide a high quality forum for the exchange of timely and important research, and give faculty from throughout the world the opportunity to network, share ideas, and enjoy the attractions of Taipei.

The IACIS Pacific 2005 features 3 keynote addresses, one special panel "Meeting the Editors", 178 research paper presentations in 45 concurrent sessions which cover most of the key areas in IS and IT research, and 10 business practical sessions (organized by the Taiwan Management Institute).

The IACIS Pacific 2005 program clearly has broad appeal, drawing more than 500 authors from 18 countries around the world. This year we had a total of 352 regular paper submissions from Australia, Canada, China, France, Hong Kong, India, Japan, Korea, Malaysia, New Zealand, Norway, Poland, Singapore, Slovenia, Taiwan, Tunisia, UK, and USA. The 178 contributed papers to be presented at the conference were selected from the 352 submissions received, yielding a highly competitive 50.57% rate of acceptance.

A conference of this magnitude cannot be organized without the tireless effort of many individuals. I'd like to thank all the conference volunteers for their enormous contribution towards the success of this conference. In particular, I wish to thank all IACIS officers for their outstanding help in assembling this program and their ongoing efforts to make this conference an excellent value that you simply cannot pass up. I am deeply grateful to Dr. Soushan Wu, for his proactive support and assistance. Also, I would like to express my gratitude to the authors for submitting their work to conference, and the 45 session chairs. The IACIS officers and I would like to thank all the reviewers for their time, comments and consideration but especially those who agreed to do second round reviews. Without their timely responses during the spring it would not have been possible to meet the conference schedule and produce an excellent program.

Special thanks are extended to all the sponsors who provide financial support to IACIS Pacific 2005. Our sincere thanks go to the Taiwan Management Institute, Chang Gung University, National Science Council in Taiwan, and Fa Min Foundation. Without their sponsorship, many of the activities included with your delegate registration would not have been possible.

I hope you agree that the IACIS Pacific 2005 Conference is one of the best ever. Our Organizing and Program Committees and everyone who submitted their work and volunteered their time to this conference contributed to its great success.

It has been an honor and a privilege to serve as the IACIS Pacific 2005 Program Chair. Thanks to each of you for joining and participating in the IACIS Pacific 2005 Conference in Taipei.
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THURSDAY, MAY 19, 2005

6:00-9:00 p.m.
Welcome Reception and Registration
Dr. Robert Behling

FRIDAY, MAY 20, 2005

8:00–4:00  Registration
West Side Corridor, 1F

7:00-8:20  Breakfast (on your own)

8:30-10:00  Welcome Remarks and Keynote Address
Auditorium, 10F
(To be announced)

10:00-10:45  Keynote Session: Architecture-Driven SAP Implementation
Auditorium, 10F
Dr. Thomas Gulledge

10:50-11:20  Keynote Session: Standards for Online Education
Delivers a Quality E-Learning Program
Auditorium, 10F
Dr. Susan Haugen

11:25-11:55  Keynote Session: Publishing: An Editor’s Perspective
Auditorium, 10F
Dr. Jeretta Horn Nord
Dr. G. Daryl Nord

12:00-1:20  Business Lunch (Chinese Cuisine Buffet)
Fu-Chuan Room, B1
Dr. Robert Behling

1:30-2:30  Session 1A: E-Business Project Management
Room 106, 1F
Session 1B: Information Security Management
Room 107, 1F
Session 1C: E-Finance
Room 108, 1F
Session 1D: Mobile Commerce
Room 109, 1F
Session 1E: IT in Healthcare
Room 101, 1F

1:30-3:30  Session 1F: Business Practical Session (Sunlitcorp)
Overview of RFID Applications with Ubiquitous Network Society
Song Bo Room, 10F
Mr. Vincent Su
Mr. Imura San

1:30-3:30  Session 1G: Business Practical Session (Analyzer)
Business Intelligence Related Issues
Chang Chin Room, 10F
Mr. Scott Lee
Mr. Wiser Lai
Mr. Alan W. Wang
FRIDAY, MAY 20, 2005

2:40-3:40 Session 2A: Knowledge Management and Assessment Room 106, 1F
Session 2B: Digital Signature and Encryption Room 107, 1F
Session 2C: Technology Innovation in Industry Room 108, 1F
Session 2D: Online Learning Research Room 109, 1F
Session 2E: Database and Data Mining Applications Room 101, 1F

3:40-4:10 Coffee Break

4:10-5:10 Session 3A: IT Investment Room 106, 1F
Session 3B: RFID and Mobile Communications Room 107, 1F
Session 3C: IT Management in SMEs Room 108, 1F
Session 3D: E-Healthcare Room 109, 1F
Session 3E: AI Technology and GDSS Room 101, 1F

4:00-6:00 Session 3F: Business Practical Session (HP)
RFID Best Practice & Industry Trends
Ms. Mingg-pey Chou

4:00-6:00 Session 3G: Business Practical Session
RFID Related Issues (Atelligent)
Dr. Homing Hung
Dr. Neng-Pai Lin
Dr. Chia-Shen Chen
Mr. Frank Wu
Ms. Teresa Lin

6:00-9:00 Dinner (on your own)

SATURDAY, MAY 21, 2005

8:00–4:00 Registration West Side Corridor, 1F
7:00-7:50 Breakfast (on your own)

8:00-9:00 Session 4A: Database and XML Room 106, 1F
Session 4B: IT Governance and Globalization Room 107, 1F
Session 4C: Learning Organization and Education Room 108, 1F
Session 4D: IT Applications in Manufacturing Room 109, 1F
Session 4E: E-Government Room 101, 1F

9:10-10:10 Session 5A: Customer Knowledge Management Room 106, 1F
Session 5B: Online Education Challenges Room 107, 1F
Session 5C: Wireless Network Room 108, 1F
Session 5D: Ethical and Policy Issues in IT Room 109, 1F
Session 5E: Technology Acceptance Model Room 101, 1F

9:00-12:00 Session 5F: Business Practical Session (Lioninfo)
U-Health in eLife
Dr. Li Liu

9:00-10:20 Session 5G: Business Practical Session
Business Intelligence Related Issues
Dr. Simon Chang

10:10-10:40 Coffee Break

10:40-11:40 Session 6A: E-Commerce Research Room 106, 1F
Session 6B: Support Vector Machines Room 107, 1F
Session 6C: Information Systems Research - I Room 108, 1F
Session 6D: 3D and Image Technology Room 109, 1F
<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
<th>Room</th>
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</table>
| 10:40-11:40| Session 6G: Special Panel: Meet the Editors  
Dr. G. Daryl Nord | Song Bo Room, 10F |
| 12:00-1:20 | Business Luncheon (Western Buffet)  
Dr. Robert Behling | Fu-Chuan Room, B1 |
| 1:30-2:30 p.m. | Session 7A: ERP Curriculum and Training  
Session 7B: Information Systems Research - II  
Session 7C: Balanced Scorecard Research  
Session 7D: Mobile Technology  
Session 7E: Decision Technology in Healthcare | Room 106, 1F  
Room 107, 1F  
Room 108, 1F  
Room 109, 1F  
Room 101, 1F |
| 1:30-3:30 | Session 7F: Business Practical Session  
RFID Related Issues (Acer)  
Dr. Simon Chang  
Ms. Diana H. Tsai  
Mr. D. Chou | Song Bo Room, 10F |
| 1:30-3:30 | Session 7G: Business Practical Session  
Business Intelligence Related Issues  
Dr. Wun-Hwa Chen  
Mr. Jung-hua Li  
Dr. Syming Hung | Chang Chin Room, 10F |
| 2:40-3:40 | Session 8A: Online Course Delivery Issues  
Session 8B: Database and Internet Marketing  
Session 8C: Data Warehousing  
Session 8D: IT Services and Standards  
Session 8E: Information Systems Research - III | Room 106, 1F  
Room 107, 1F  
Room 108, 1F  
Room 109, 1F  
Room 101, 1F |
| 3:40-4:10 | Coffee Break | |
| 4:10-5:10 | Session 9A: Knowledge and IT Management  
Session 9B: Data Mining and Text Mining  
Session 9C: Hospital Information Systems  
Session 9D: Business Intelligence Systems  
Session 9E: ERP Implementation | Room 106, 1F  
Room 107, 1F  
Room 108, 1F  
Room 109, 1F  
Room 101, 1F |
| 4:00-6:00 | Session 9F: Business Practical Session  
RFID Related Issues  
Mr. C. H. Yeh  
Mr. Wei Chang  
Mr. John Kok  
Dr. Chang-Sung Yu  
Mr. Chi-Yah Yuan | Song Bo Room, 10F |
| 4:00-6:00 | Session 9G: Business Practical Session  
Homeland Security Issues  
Mr. Jyh-Sheng Ke  
Mr. Thomas Yuan  
Mr. Marvin Chiu  
Mr. Derlin Duh | Chang Chin Room, 10F |
| 6:00-9:00 | Closing Ceremony & Farewell Dinners  
(Chinese Banquet)  
Dr. Robert Behling | Sky Lounge, 12F |
An IACIS Name Badge is provided to help your fellow participants as well for identifying you as a registered delegate of IACIS Pacific 2005 to hotel/restaurant personnel and staff. Each registration packet contains an official IACIS Name Badge. Please wear your Name Badge in all official functions.

All IACIS Pacific 2005 business meeting, regular and keynote sessions, luncheon, and dinner are limited to registered delegates only, and IACIS Name Badges will be required to enter. However, extra tickets can be purchased for your unregistered guests to join us.
IACIS PACIFIC 2005 CONFERENCE PROGRAM

FRIDAY, MAY 20, 2005

8:00-4:00  Registration
West Side Corridor, 1F

8:30-8:40  Welcome Remarks
Auditorium, 10F
Dr. Robert Behling, IACIS Executive Director

8:45-8:55  Welcome Remarks
Auditorium, 10F
Dr. Ing San Hwang, Conference Chair

9:00-9:15  Opening Address
Auditorium, 10F
Vice Premier Dr. Rong-I Wu
FRIDAY, MAY 20, 2005

10:00-10:45  Keynote Session:  Auditorium, 10F
“Architecture-Driven SAP Implementation”
Dr. Thomas R. Gulledge, George Mason University, USA

10:50-11:20  Keynote Session:  Auditorium, 10F
“Standards for Online Education Delivers a Quality E-Learning Program”
Dr. Susan Haugen, University of Wisconsin – Eau Claire, USA

11:25-11:55  Keynote Session:  Auditorium, 10F
“Publishing: An Editor’s Perspective”
Dr. Jeretta Horn Nord and Dr. G. Daryl Nord
Oklahoma State University, USA

12:00-1:20  Business Lunch (Chinese Cuisine Buffet)  Fu-Chuan Room, B1
Dr. Robert Behling, IACIS Executive Director
FRIDAY, MAY 20, 2005

1:30-2:30 p.m.  
Session 1A: E-Business Project Management    Room 106, 1F  
Chair: Zbigniew Pastuszak, Maria Curie-Sklodowska University, Poland

B2B SOLUTIONS IN A POLISH NETWORK ORGANIZATION  
Zbigniew Pastuszak ............................................ Maria Curie-Sklodowska University, Poland  
Jan Chadam........................................................ Pro Futuro SA, Poland

AN EXPLORATION OF REASONS OF WEB SITE REDESIGN  
Fernando Alonso Mendo................................................ Brunel University, UK  
Guy Fitzgerald ................................................................ Brunel University, UK

EVALUATION OF E-BUSINESS PROJECTS  
Dusan Lesjak.............................................................. University of Primorska, Slovenia  
Tom Seymour ............................................................. Minot State University, USA  
Vasja Vehovar............................................................. University of Ljubljana, Slovenia

AN EVALUATION ON THE PERFORMANCE OF E-BUSINESS PROMOTION POLICY  
DERIVED FROM THIRTEEN FUNDED CASES  
Chyou-Huey Chio..................................................... Ministry of Economic Affairs, Taiwan  
Miao-Tzu Tsai............................................................. Ministry of Economic Affairs, Taiwan  
Hsin-Pin Fu.............................................................. National Kaohsiung First University of Science and Technology, Taiwan  
Ching Yang Huang .............................................. National Kaohsiung First University of Science and Technology

1:30-2:30 p.m.  
Session 1B: Information Security Management     Room 107, 1F  
Chair: Robert Behling, Arrowrock Technology, USA

CYBERSECURITY: MAINTAINING SYSTEM INTEGRITY, PROTECTING INFORMATION RESOURCES, AND MANAGING THE RISK  
Robert Behling....................................................... Arrowrock Technology, USA  
Susan Haugen ......................................................... University of Wisconsin – Eau Claire, USA

BUILDING SUCCESSFUL INFORMATION SECURITY: PEOPLE, OPERATIONS AND TECHNOLOGY  
Robert Behling....................................................... Arrowrock Technology, USA  
G. Daryl Nord ......................................................... Oklahoma State University, USA  
Susan Haugen ......................................................... University of Wisconsin – Eau Claire, USA  
Jeretta H. Nord ....................................................... Oklahoma State University, USA

DEVELOPING KEY PERFORMANCE INDICATORS FOR INFORMATION SECURITY MANAGEMENT: A BALANCED SCORECARD APPROACH  
Shi-Ming Huang ....................................................... National Chung Cheng University, Taiwan  
Ai-Chin Kao.............................................................. National Chung Cheng University, Taiwan  
Chao-Hsiung Lee ....................................................... National Chung Cheng University, Taiwan

PROACTIVE SECRET SHARING PROXY SIGNATURE SCHEME WITH PROXY SHARE RECOVERY  
I-Te Chen............................................................. National Chiao-Tung University, Taiwan  
Yi-Shiung Yeh ........................................................ National Chiao-Tung University, Taiwan  
Ming-Hsin Chang .................................................. Chunghwa Telecom Co Ltd., Taiwan
THE IMPACT OF INTERNET INFORMATION TECHNOLOGY ON VERY SHORT TERM GAINS FROM STOCK MARKET: A COMPARISON OF U.S. COMPANIES VERSUS FOREIGN ADR
Y. Alex Tung ................................................................. University of Connecticut, USA

AN E-BANK ACCOUNTING INFORMATION FRAMEWORK: A CASE STUDY IN TAIWAN
Fengyi Lin ................................................................. Chihlee Institute of Technology, Taiwan
Soushan Wu ............................................................... Chang Gung University, Taiwan

AN EXTENDED XBRL MODEL FOR THE INTEGRATION OF ACCOUNTING INFORMATION: APPLYING IN THE CONSOLIDATED REPORTS
Chi-Chun Chou ............................................................ Tamking University, Taiwan
Jason Lee ................................................................. PricewaterhouseCoopers, Taiwan

AN EMPIRICAL STUDY OF EFFECTS OF ARM ON BRANCH PERFORMANCE: EVIDENCE FROM AN EMERGING ECONOMY
Shin Y. Hung .............................................................. National Chung Cheng University, Taiwan
Chin S. Ou ............................................................... National Chung Cheng University, Taiwan
Shi J. Xu ................................................................. National Chung Cheng University, Taiwan
Fang C. Liu .............................................................. National Chung Cheng University, Taiwan

M-COMMERCE: USING EMOTIONAL CUES TO OVERCOME SAFETY AND SECURITY ANXIETIES
Liz Lee-Kelley .............................................................. University of Surrey, UK

DEVELOPMENT OF A GENERIC ANTI-COUNTERFEIT MODEL FOR MODERN ENTERPRISE (GAME) IN BRAND PROTECTION SYSTEM
Siu-Keung Kwok ......................................................... The Hong Kong Polytechnic University, HK
KL Choy ................................................................. The Hong Kong Polytechnic University, HK
CM Kwok ............................................................... Altimate Information Technology Ltd

THE DEVELOPMENT OF DYNAMIC CAPABILITIES OF INNOVATION FROM M-COMMERCE TO U-COMMERCE
Jen-Her Wu ............................................................... National Sun Yat-Sen University, Taiwan
Tzyh-Lih Hsia ............................................................... National Sun Yat-Sen University, Taiwan
An-Sheng Huang ........................................................ National Sun Yat-Sen University, Taiwan

APPLICATION OF SMALL-SCREEN DESIGN PRINCIPLES ON AN INTELLECTUAL MOBILE DEVICE FOR EMERGENCY RESPONSE CENTER
Chun-Ting Wu ............................................................ National Tsing Hua University, Taiwan
Sheue-Ling Hwang ....................................................... National Tsing Hua University, Taiwan
Kuo-Wei Su .............................................................. National Kaohsiung First University of Science and Technology, Taiwan
FRIDAY, MAY 20, 2005
1:30-2:30 p.m.
Session 1E: IT in Healthcare
Room 109, 1F
Chair: Sheue-Ling Hwang, National Tsing Hua University, Taiwan

BILLING RECONCILIATION FOR AN ACADEMIC CLINICAL DEPARTMENT
Yao-Yang Shieh........................................University of California Irvine Medical Center, USA

USING MOBILE TECHNOLOGY TO IMPROVE HEALTHCARE SERVICE QUALITY
WenYuan Jen............................................National Central University, Taiwan
ChiaChen Chao ............................................Taipei Medical University, Taiwan
Yu-Chuan Li ..............................................Taipei Medical University, Taiwan
Binshan Lin..............................................Louisiana State University in Shreveport, USA

THE DEVELOPMENT OF THE COMPUTER AIDED TUTORING SYSTEM FOR
EMERGENCY RESPONSE CENTER
Chia-Hsien Wu ........................................National Tsing Hua University, Taiwan
Sheue-Ling Hwang ................................National Tsing Hua University, Taiwan

AN APPROACH TO DEVELOP A NEW HOSPITAL INFORMATION SYSTEM
Chi-Yuan Chen ........................................National Chung Chen University, Taiwan
Fu-Ji Chen................................................National Chung Chen University, Taiwan
Hsing-Chiu Li ..........................................National Chung Chi University, Taiwan
Hsin-Ginn Hwang ....................................National Chung Cheng University, Taiwan

2:40-3:40 p.m.
Session 2A: Knowledge Management and Assessment
Room 106, 1F
Chair: Dusan Lesjak, University of Primorska, Slovenia

A STUDY ON KEY DIMENSIONS OF KNOWLEDGE MANAGEMENT INITIATIVE IN
TAIWAN GOVERNMENT
Mong-Yuan Chang ....................................The Executive Yuan, Taiwan
Jih-Hsin Tang........................................National Dong Hwa University, Taiwan

THE KNOWLEDGE-ERA ORGANIZATION: HOW CAN WE ASSESS IT?
Roberto Biloslavo .....................................University of Primorska, Slovenia

KNOWLEDGE MANAGEMENT ASSESSMENT: HOW DOES IT MEASURE UP?
Martin Grossman ....................................Bridgewater State College, USA
Richard V. McCarthy ................................Quinnipiac University, USA
Jay E. Aronson ........................................University of Georgia, USA

KNOWLEDGE MANAGEMENT SUPPORT FOR SYSTEM ENGINEERING COMMUNITY
Olfa Chourabi ........................................ENSI University, Tunisia
Mohamed Ben Ahmed ..............................ENSI University, Tunisia
Session 2B: Digital Signature and Encryption    Room 107, 1F
Chair:  C.E. Tapie Rohm, California State University – San Bernardino, USA

IMPACT OF E-SIGNATURE ON CORPORATE INFORMATION SYSTEMS MANAGEMENT
Chang-tseh Hsieh ................................................ University of Southern Mississippi, USA
C.E. Tapie Rohm ................................................. California State University – San Bernardino, USA

COMMENT ON A DIGITAL SIGNATURE WITH USING SELF-CERTIFIED PUBLIC KEYS
Jianhong Zhang ................................................. North China University of Technology, China

A NOVEL DIGITAL IMAGE ENCRYPTION METHOD BASED ON DES
Jiancheng Zou ................................................. North China University of Technology, China
Yanhong Shang ............................................... North China University of Technology, China
Jianhong Zhang ............................................... North China University of Technology, China
Rabab K. Ward ................................................ University of British Columbia, Canada

A NEW IMAGE ENCRYPTION ALGORITHM BASED ON CHAOTIC MAP
Jiancheng Zou ................................................. North China University of Technology, China
ChangZhen Xiong ........................................... Sun-Yat-Sen University, China
Dongxu Qi ........................................................ Sun-Yat-Sen University, China
Rabab K. Ward ................................................ University of British Columbia, Canada

Session 2C: Technology Innovation in Industry    Room 108, 1F
Chair:  Amy J.C. Trappey, National Tsing Hua University, Taiwan

DESIGN OF AN INNOVATIVE APPAREL KNOWLEDGE-BASED SERVICE SYSTEM
Amy J.C. Trappey ............................................. National Tsing Hua University, Taiwan
Tsung-Jung Wang ............................................ Industrial Technology Research Institute, Taiwan
David W.C. Hsiao ............................................ National Tsing Hua University, Taiwan

A NETWORK APPROACH FOR THE INFLUENCES OF TRUST ON KNOWLEDGE INFLOWS/OUTFLOWS ON INNOVATION
Wann-Yih Wu .................................................. National Cheng Kung University, Taiwan
Ya-Jung Wu .................................................... Kao Yuan Institute of Technology, Taiwan
Jui-Chieh Huang ............................................. National Cheng Kung University, Taiwan

THE DESIGN OF 3G MOBILE TECHNOLOGIES BASED TEACHER-PARENT COMMUNICATION BOOK SYSTEM
Pei-Chen Sun ................................................. National Kaohsiung Normal University, Taiwan
Dowming Yeh ................................................. National Kaohsiung Normal University, Taiwan
Teresa Ju ........................................................ Shu-Te University, Taiwan

THE USE OF E-CATALOGS BY TAIWAN IC DESIGN INDUSTRY
Yung-Chuan Peng ........................................... Industrial Technology Research Institute, Taiwan
Charles V. Trappey ........................................... National Chiao Tung University, Taiwan
FRIDAY, MAY 20, 2005
2:40-3:40 p.m.
Session 2D: Online Learning Research
Chair: Thom Luce, Ohio University, USA

ARE ONLINE EDUCATION PROGRAM CONSIDERED AS GOOD AS TRADITIONAL EDUCATION PROGRAM BY MBA STUDENTS? SOME INITIAL EMPIRICAL SURVEY RESULTS
Wayne Huang ................................................................. Ohio University, USA
Thom Luce ......................................................................... Ohio University, USA
Eric Y. Lu .......................................................................... Ohio University, USA

PLANNING AND MANAGING LEARNING TECHNOLOGIES IN DISTANCE EDUCATION: A CASE STUDY IN HK
Jason K.Y. Chan .................................................. The Open University of Hong Kong, HK
David Murphy .......................................................... The Open University of Hong Kong, HK
Philip Tsang ..................................................................... The Open University of Hong Kong, HK
Steven Tung ...................................................................... Manipeer Technology Company, HK
Alan Poon ......................................................................... Manipeer Technology Company, HK

EFFECTIVE E-LEARNING DESIGN PRACTICES: A CASE STUDY
Nikunj Dalal ..................................................................... Oklahoma State University, USA

A PROCESS-ORIENTED E-LEARNING SYSTEM: FROM MASTERY LEARNING PERSPECTIVE
ChiLun Liu ........................................................................ National Cheng Chi University, Taiwan
Heng-Li Yang .................................................................... National Cheng Chi University, Taiwan

2:40-3:40 p.m.
Session 2E: Database and Data Mining Applications
Chair: Shi-Ming Huang, National Chung Cheng University, Taiwan

AN EMPIRICAL STUDY OF CLASSIFICATION MODELS IN DATA MINING
Zhiqian Fu ................................................................. Shandong University, China
Isa Sarac ........................................................................ Virginia International University, USA
Zhiwei Fu ........................................................................ Virginia International University, USA

IDENTIFICATION OF CRITICAL AND POTENTIAL CUSTOMERS FOR PROJECT-BASED ORGANIZATIONS
Jiang-Liang Hou .................................................. National Tsing Hua University, Taiwan
Shih-Ting Yang ......................................................... National Tsing Hua University, Taiwan

INTER-SEQUENCE ASSOCIATION RULES MINING
Li-Ya Li ........................................................................ National Taiwan University, Taiwan
Anthony J.T. Lee ............................................................. National Taiwan University, Taiwan
Chun-Sheng Wang ........................................................ National Taiwan University, Taiwan
FRIDAY, MAY 20, 2005
3:40-4:10 p.m.
Coffee Break

4:10-5:10 p.m.
Session 3A: IT Investment
Room 106, 1F
Chair: Zahir Irani, Brunel University, UK

A METHODOLOGY FOR EVALUATING THE EFFECTIVENESS OF SME INVESTMENT IN IT
Chin-Yueh Huang ....................................................... Chinese Culture University, Taiwan
Winston Tellis ............................................................... Fairfield University, USA

THE STRATEGIC IDIOSYNCRATIC INVESTMENT OF INTERORGANIZATIONAL INFORMATION SYSTEM: A RESOURCE BASED PERSPECTIVE
Li-Ling Hsu .... National Kaohsiung First University of Sciences and Technology, Taiwan
Man-Han Tsai . National Kaohsiung First University of Sciences and Technology, Taiwan

AN INVESTIGATION OF KNOWLEDGE MANAGEMENT ACTIVITIES AND EFFECTIVENESS: A CASE OF HIGH-TECH ENTERPRISES IN TAIWAN
Yuan-Duen Lee ........................................... Chang Jung Christian University, Taiwan
Chun-Hsi Vivian Chen ............................................ National Central University, Taiwan
Po-Shun Chen ............................................................. National Central University, Taiwan

DESIGN AND IMPLEMENTATION OF AN ONTOLOGY-BASED INFORMATION TECHNOLOGY OUTSOURCING EVALUATION SYSTEM USING AHP
Yu-Chih Lin ........................................... National Yunlin University of Science and Technology, Taiwan
Jau-Rong Chen ............................................................... Shu-Te University, Taiwan
Tzu-Chuan Chou .... National Kaohsiung First University of Science and Technology

4:10-5:10 p.m.
Session 3B: RFID and Mobile Communications
Room 107, 1F
Chair: Hongwei Du, California State University – Hayward, USA

RADIO FREQUENCY IDENTIFICATION (RFID): CURRENT PERSPECTIVE AND APPLICATIONS
Hongwei Du ............................................................. California State University – Hayward, USA
Reeta Mishre ............................................................. California State University – Hayward, USA

SECURING INDUSTRY WIDE EPCGLOBAL NETWORK WITH WSS
Dong-Her Shih ....................................................... National Yunlin University of Science and Technology, Taiwan
Po-Ling Sun ....................................................... National Yunlin University of Science and Technology, Taiwan
Binshan Lin ............................................................. Louisiana State University in Shreveport, USA

AGILE SUPPLY NETWORK OPTIMIZATION AND SECURITY: A DATABASE DESIGN INCORPORATING ELECTRONIC DATA INTERCHANGE, AUTOMATIC EQUIPMENT IDENTIFICATION, AND RADIO FREQUENCY IDENTIFICATION MESSAGES
Andrew H. Chen ...................................................... California State University – Long Beach, USA
Larry G. Mallon ........................................................ California State University - Long Beach, USA
John D. Hwang .......................................................... Ming Chuan University, Taiwan

A NOVEL MAN-IN-THE-MIDDLE ATTACK FOR MOBILE DATA SERVICE
Wen-Chuan Hsieh ...................................................... Shu-Te University, Taiwan
Yu-Han Xia ............................................................... Sgu-Te University, Taiwan
FRIDAY, MAY 20, 2005

4:10-5:10 p.m.

Session 3C: IT Management in SMEs

Chair: Queen Esther Booker, Minnesota State University, USA

Room 108, 1F

RISKS TO DATA SECURITY FOR SMALL FIRMS RAISED BY TELEWORK
- Fintan Clear ............................................................... Brunel University, UK
- Liz Lee-Kelley ........................................................... University of Surrey, UK

E-BUSINESS VALUE CREATION IN SMALL AND MEDIUM ENTERPRISES: AN EMPIRICAL APPLICATION OF THE TOE FRAMEWORK
- Kuang-Wei Wen .............................................. University of Wisconsin – La Crosse, USA
- Yan Chen ........................................................... College of Finance and Economics, China

A CONCEPTUAL FRAMEWORK FOR INTEGRATION TECHNOLOGIES ADOPTION BY SMALL TO MEDIUM SIZED ENTERPRISES
- Hsin Chen ........................................................... Brunel University, UK
- Marinos Themistocleous ........................................... Brunel University, UK
- Ching Fang Wu ................................................ Yu Da College of Business, Taiwan

CAN THE NEURAL NETWORK BE USED AS A RISK MANAGEMENT TOOL FOR COMPUTER SECURITY? AN EXPLORATORY STUDY
- Queen Esther Booker .............................................. Minnesota State University, USA

4:10-5:10 p.m.

Session 3D: E-Healthcare

Chair: Ronlong Tsai, Chang Gang University, Taiwan

Room 109, 1F

DESIGN AN E-HEALTHCARE INFORMATION INFRASTRUCTURE FOR THE REMOTE MEDICAL SERVICES
- Bing-Hung Shen ............................................ Chang Gang University, Taiwan
- Deng-Yang Huang ............................................... Chang Gang University, Taiwan
- Ronlong Tsai .............................................................. Chang Gang University, Taiwan

LESSONS OF IMPLEMENTING PACS BY WAY OF ONE-SHOT APPROACH: A CASE STUDY
- Ying-Chen Fang ................................................ National Taiwan University, Taiwan
- Ming-Chin Yang ................................................ National Taiwan University, Taiwan
- Hsin-Ginn Hwang ............................................ National Chung Cheng University, Taiwan

A PROPOSED PARADIGM FOR EXPRESSED SEQUENCE TAGS DATA FORMAT: ADVANCE TOWARDS DISEASE PREDICTION
- Yen-I Chiang .................................................. Chang Gang University, Taiwan
- Guan-I Wu .......................................................... Chang Gang University, Taiwan
- Wei-Jhong Hsu .................................................. Chang Gang University, Taiwan
- Hsin-Yi Cheng .................................................. Chang Gang University, Taiwan

THE SERVICE QUALITY OF HEALTHCARE WEBSITES: COMPARE CRITERION OF DOMESTIC AND INTERNATIONAL CODE
- Hui-Hui Chuang ............................................... National Chung Cheng University, Taiwan
- Yao-Sheng Yeh ................................................ Microporgram Information Co Ltd, Taiwan
- Chun-Yuan Chang ............................................... National Chung Cheng University, Taiwan
- Fu-Ji Chen .......................................................... National Chung Cheng University, Taiwan

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A NEW TOPSIS BASED METHOD FOR FUZZY MADM PROBLEMS UNDER GROUP DECISIONS
Chinho Lin ......................................................... National Cheng Kung University, Taiwan
Chia-Tzu Lin .................................................................................................. Far East College, Taiwan
Jung-Yuan Kung ............................................................. Chinese Naval Academy, Taiwan

ROLE-BASED COLLABORATION PROCESS OF MULTI-AGENT SYSTEM
Yuqiang Feng ............................................................ Harbin Institute of technology, China
Ying Lei .................................................................. Harbin Institute of Technology, China

A BAYESIAN BELIEF NETWORKS BASED MULTIAGENT SYSTEM TO OPTIMIZE THE SUPPLIER SELECTION PROCESSES WITH MULTI CRITERIA
Chia-Hua Chang ........................................... Southern Taiwan University of Technology, Taiwan

DEVELOPMENT AND EVALUATION OF THE DECISION SUPPORT SYSTEM FOR DIAGNOSTIC RELATED GROUPS: CASE STUDY OF RESPIRATORY SYSTEM DISEASES
Mei-Te Lee .................................................................................................. SinLau Hospital, Taiwan
Wen-Ju Yu .................................................................................. National Chung Cheng University, Taiwan
Yen-Fang Hsu .......................................................... Long-Term Care Management Center – Chiayi, Taiwan
King-Zoo Tang ............................................................. National Chung Cheng University, Taiwan

6:00-9:00 p.m.
Dinner (on your own)
**SUNDAY, MAY 21, 2005**

8:00-9:00 a.m.

**Session 4A: Databases and XML**

**Room 106, 1F**

**Chair:** Shy-Ming Ju, National Kaohsiung First University of Science and Technology, Taiwan

- **SERVICE SPECIFICATION IN A VALUE-ADDING BROKER FOR DATA DISSEMINATION THROUGH XML**
  - R. Gururaj .................................................. Indian Institute of Technology, India
  - P. Sreenivasa Kumar ........................................... Indiana Institute of Technology, India

- **MANAGING MULTI-VERSION XML DOCUMENTS USING RELATIONAL DATABASES**
  - Yaw-Huei Chen .............................................. National Chiayi University, Taiwan
  - Jeng-Lin Tsai .................................................. National Chiayi University, Taiwan
  - Mei-Ling Yu .................................................... National Chiayi University, Taiwan
  - Ming-Chi Ho .................................................... National Chiayi University, Taiwan

- **IMPLEMENTATION OF B2B ELECTRONIC DATA INTERCHANGE USING XML FORMAT: A STUDY OF TAIWANESE MANUFACTURING**
  - Hsin-Pin Fu ........................................... National Kaohsiung First University of Science and Technology, Taiwan
  - Chun-Lun Lo ........................................... National Kaohsiung First University of Science and Technology, Taiwan
  - Mei-Huey Cheng ........................................... National Kaohsiung First University of Science and Technology, Taiwan

- **DYNAMICALLY COMPRESSING XML TAGS AND DATA CHARACTERS VIA INCREMENTAL UPDATING MINING**
  - Chin-Feng Lee ........................................ Chaoyang University of Technology, Taiwan
  - Chi-Ming Tang ........................................ Chaoyang University of Technology, Taiwan

8:00-9:00 a.m.

**Session 4B: IT Governance and Globalization**

**Room 107, 1F**

**Chair:** Richard V. McCarthy, Quinnipiac University, USA

- **THE IMPACT OF THE SARBANES-OXLEY ACT ON INFORMATION TECHNOLOGY: TWO PERSPECTIVES**
  - Richard V. McCarthy ........................................ Quinnipiac University, USA
  - David Barrett ................................................ Quinnipiac University, USA

- **MAINTAINING FLEXIBILITY IN STRUCTURING ALLIANCE: CHOICE OF GOVERNANCE MODE IN ASIA PACIFIC IT INDUSTRY**
  - Siah Hwee Ang ........................................ University of Auckland, New Zealand
  - Hsin-Yun Cecilia Chang .................................. University of Auckland, New Zealand

- **EXPLORING GOVERNMENT INTERVENTION IN THE DIFFUSION OF BROADBAND: THE CASES OF HONG KONG AND KOREA**
  - Jyoti Choudrie ........................................ Brunel University, UK
  - Anastasia Papazafeiropoulou .......................... Brunel University, UK

- **RETHINKING GLOBALIZATION MEASUREMENT: A SYSTEMATIC APPROACH**
  - Romana K Vide ........................................ University of Maribor, Slovenia
  - Vito Bobek ................................................ University of Primorska, Slovenia
SATURDAY, MAY 21, 2005
8:00-9:00 a.m.
Session 4C: Learning Organization and Education
Room 108, 1F

Chair: Philip Tsang, The Open University, HK

DEVELOPING A CONCEPTUAL FRAMEWORK FOR THE ORGANIZATIONAL LEARNING PROCESS
Jyoti Choudrie ................................................................. Brunel University, UK
Mohamad Hisyam Selamat ................................................ Brunel University, UK

QUALITY ASSURANCE OF DISTANCE EDUCATION: AN ORGANIZATIONS PERSPECTIVE
Philip Tsang .............................................................. The Open University of Hong Kong, HK
Thomas Tang ............................................................ The Open University of Hong Kong, HK

UNIVERSITIES AS LEARNING ORGANIZATIONS: A CONCEPTUAL FRAMEWORK
Les Tien-Shang Lee ........................................... Kun Shan University of Technology, Taiwan
Franco Gandolfi ........................................................ Cedarville University, USA

MATH SKILLS, COGNITIVE ORIENTATION, AND CULTURAL AND PEDAGOGICAL ISSUES IN THE TEACHING OF INFORMATION TECHNOLOGY
Appa Rao Korukonda ........................................ Bloomsburg University of Pennsylvania, USA
Istvan Molnar .......................................................... Bloomsburg University of Pennsylvania, USA

8:00-9:00 a.m.
Session 4D: IT Applications in Manufacturing
Room 108, 1F

Chair: Kuang-Wei Wen, University of Wisconsin – La Crosse, USA

TRAINING AND EDUCATION FOR THE MANUFACTURING IN THE CONCEPT OF DIGITAL BUSINESS
Slavko Dolinsek ......................................................... University of Primorska, Slovenia
Igor Prodan .............................................................. Regional Technological Centre Zasavje, Slovenia

MANUFACTURING FLEXIBILITY AND MANUFACTURING PROACTIVENESS: EVIDENCE FROM THE MOTHERBOARD INDUSTRY
Shih-Chia Chang .................................................... National Taipei College of Business, Taiwan
Li-Hua Huang ........................................................ National Taipei College of Business, Taiwan
Ru-Jen Lin ............................................................. Lung Hwa University of Science and Technology, Taiwan
Jung-Hui Chen ...................................................... Lung Hwa University of Science and Technology, Taiwan

APPLICATION OF COLLABORATIVE DESIGN: TAKING A TFT-LCD COMPANY AS AN EXAMPLE
Yichen Lin .............................................................. National University of Tainan, Taiwan
Hanling Huang ........................................................ National University of Tainan, Taiwan
Huanliang Chang ..................................................... National University of Tainan, Taiwan
Weiting Yen .............................................................. Southern Taiwan University of Technology, Taiwan

THE PROTOTYPE SYSTEM FOR BALANCING SURFACE MOUNT PCB ASSEMBLY LINES WITH MULTIPLE PLACEMENT MACHINES
Wurong Shih .......................................................... Southern Taiwan University of Technology, Taiwan
Wilson Huang ........................................................ Southern Taiwan University of Technology, Taiwan
SATURDAY, MAY 21, 2005
8:00-9:00 a.m.
Session 4E: E-Government
Chair: Reggie Davidrajuh, University of Stavanger, Norway

INTEGRATING DOMESTIC DIGITAL DIVIDE IN E-READINESS MEASUREMENT
Reggie Davidrajuh ...........................................................University of Stavanger, Norway

A REVIEW OF MUNICIPALLY OWNED INFORMATION CITIES BETWEEN THE UNITED STATES AND EUROPE
Bih-Ru Lea....................................................................University of Missouri-Rolla, USA
Wen-Bin Yu..................................................................University of Missouri-Rolla, USA
Yadi Ma ........................................................................University of Missouri-Rolla, USA

A MODEL FOR EVALUATING E-GOVERNMENT WEBSITES: THE CASE OF GOVERNMENT ORGANIZATIONS IN THE KINGDOM OF BAHRAIN
Zakareya Ebrahim.................................................................Brunel University, UK
Zahir Irani ........................................................................Brunel University, UK

E-GOVERNMENT DEVELOPMENT IN CHINA: THE ACCESSIBILITY OF LOCAL GOVERNMENT WEBSITES
Yuquan Shi .................................................................University of New South Wales, Australia

9:10-10:10 a.m.
Session 5A: Customer Knowledge Management
Chair: Adela S. M. Lau, The Hong Kong Polytechnic University, HK

TO TRANSFER THE CUSTOMER RELATIONSHIP MANAGEMENT TO BE KNOWLEDGEABLE: A KNOWLEDGE RE-ENGINEERING FRAMEWORK
Adela S. M. Lau.........................................................The Hong Kong Polytechnic University, UK

APPLICATION OF KNOWLEDGE-ENABLED CUSTOMER RELATIONSHIP MANAGEMENT
Yichen Lin ....................................................................National University of Tainan, Taiwan

STRATEGIES OF CUSTOMER-FOCUSED KNOWLEDGE MANAGEMENT: A CONCEPTUAL FRAMEWORK
Jane Lu Hsu .................................................................National Chung Hsing University, Taiwan
Han-Peng Nien..............................................................National Chung Hsing University, Taiwan
Kai-Ming Chang ..............................................................National Chung Hsing University, Taiwan

THE STUDY OF CUSTOMER KNOWLEDGE MANAGEMENT
Chaoche Lin..........................................................Chung Hwa Medical Institute of Technology, Taiwan
Chiuhua Lai...........................................................Southern Taiwan University of Technology, Taiwan
**SATURDAY, MAY 21, 2005**

9:10-10:10 a.m.  
**Session 5B: Online Education Challenges**  
**Room 107, 1F**  
Chair:  Nada Trunk Sirca, University of Primorska, Slovenia

INTRODUCING BLENDED LEARNING IN HIGHER EDUCATION IN SLOVENIA  
Viktorija Sulcic .............................................................. University of Primorska, Slovenia  
Nada Trunk Sirca ........................................................... University of Primorska, Slovenia

PRESENTING A COURSE ENTIRELY THROUGH THE WEB  
Reggie Kwan.................................................... Montana Tech of the University of Montana, USA  
Philip Tsang .......................................................... The Open University of Hong Kong, HK  
Andrew K. Lui ...................................................... The Open University of Hong Kong, HK

THE STUDY OF ADOPTING IIS MODEL IN GOVERNMENT MEDICAL LEARNING WEBSITE: THE FORMOSANS’ e-MEDICAL SCHOOL  
Mei-Hsin Lin .......................................................... Doh Potz Hospital, Taiwan  
Andy Hong .................................................................. Kaohsiung Medical University, Taiwan  
Yi-Huy Lee .................................................................. Chi Mei Hospital, Taiwan  
Shih-Jung Hsiao .................................................... National Chung Cheng University, Taiwan

9:10-10:10 a.m.  
**Session 5C: Wireless Network**  
**Room 108, 1F**  
Chair:  Saad Biaz, Auburn University, USA

IMPROVEMENT AND COMPARISON OF LOCALIZATION ALGORITHMS UNDER IMPRECISE MEASUREMENTS  
Saad Biaz ............................................................... Auburn University, USA  
Yiming Ji .................................................................. Auburn University, USA

ON THE DESIGN OF MOBILE GROUP LEARNING SYSTEM BASED ON AD HOC NETWORK  
Pao-Ta Yu ............................................................. National Chung Cheng University, Taiwan  
Ming-Tsung Liu ........................................................ National Chung Cheng University, Taiwan  
Wei-Sheng Chen ..................................................... National Chung Cheng University, Taiwan

ADAPTIVE DATA DISSEMINATION SCHEMES FOR MOBILE CLIENTS  
KwangJin Park ..................................................... Korea University, Korea  
MoonBae Song ..................................................... Korea University, Korea  
Chong-Sun Hwang ................................................ Korea University, Korea

PROVISIONING VIRTUAL PRIVATE NETWORKS IN HOSE MODEL WITH CLUSTERING-BFS TREE  
Dong-Her Shih ...................................................... National Yunlin University of Science and Technology, Taiwan  
Gwo-Jang Wu ........................................................ National Yunlin University of Science and Technology, Taiwan  
Binshan Lin ............................................................ Louisiana State University in Shreveport, USA

THE IMPLEMENTATION OF MULTIMEDIA MESSAGE SERVICE CENTER  
Wen-Chuan Hsieh .................................................. Shu-Te University, Taiwan  
Li-Tsung Huang ..................................................... Shu-Te University, Taiwan  
Jing-Wen Zhuang ................................................ Shu-Te University, Taiwan
SATURDAY, MAY 21, 2005
9:10-10:10 a.m.
Session 5D: Ethical and Policy Issues in IT Room 109, 1F
Chair: Houn-Gee Chen, National Tsing Hua University, Taiwan

THE EFFECT OF ONLINE PRIVACY CONTROL MECHANISMS
Houn-Gee Chen .......................................................... National Tsing Hua University, Taiwan
Charlie C. Chen............................................................ Appalachian State University, USA
Louis Lo................................................................ National Cheng Chi University, Taiwan

THE PROTECTION OF INTELLECTUAL PROPERTY ON INTERNET IN THE PEOPLE’S REPUBLIC OF CHINA (PRC): TOWARDS A COMPREHENSIVE SOLUTION
Irene S. Y. Kwan............................................................ Lingnan University, HK
K. H. Mak ........................................................ Curtin University of Technology, Australia

ASSESSING THE SPAMMING EFFECTS ON END USERS’ SATISFACTION: A PROPOSED RESEARCH STUDY
Hungwei F. Chen .................................................. National Cheng Kung University, Taiwan
Bingcheng J. Chang ................................................. National Cheng Kung University, Taiwan
Jengchung V. Chen .................................................. National Cheng Kung University, Taiwan

BANDWIDTH ON DEMAND FOR INTERNET USERS
William G. Hwang............................................................ ViaSat, USA

9:10-10:10 a.m.
Session 5E: Technology Acceptance Model Room 101, 1F
Chair: Ting-Peng Liang, National Sun Yat-Sen University, Taiwan

PERCEIVED USEFULNESS OF PERSONALIZED SERVICES IN ON-LINE BOOKSTORES
Ting-Peng Liang .......................................................... National Sun Yat-Sen University, Taiwan
Timon C. Du .............................................................. Chinese University of Hong Kong, HK
Hsin-Yi Chen .................................................................. Naval Academy, Taiwan

PREDICTING PERCEIVED PERFORMANCE OF INTERNET USAGE IN ENTERTAINMENT, COMMUNICATING, AND INFORMATION SEEKING ACTIVITIES
Pruthikrai Mahatanankoon..................................................... Illinois State University, USA
H. Joseph Wen............................................................... Southeast Missouri State University, USA
Tim Klaus ................................................................. University of South Florida, USA

USER ACCEPTANCE OF INSTANT MESSAGING
Eugenia Y. Hung.......................................................... National Cheng Chi University, Taiwan
Pi-Mei Wei.................................................................... Quanta Computer Inc, Taiwan

CONSTRUCTING A RESEARCH MODEL OF CONSUMER ACCEPTANCE OF MOBILE COMMERCE ONLINE SHOPPING
Szu-Yuan Sun............................................................. National Kaohsiung First University of Science and Technology
Teresa L. Ju.................................................................... Shu-Te University, Taiwan
Shu-Min Chang.......................................................... National Kaohsiung First University of Science and Technology

10:10-10:40 a.m.
Coffee Break
SATURDAY, MAY 21, 2005
10:40-11:40 a.m.
Session 6A: E-Commerce Research Room 106, 1F
Chair: Jeanette Francis, Lynn University, USA

PROPERTIES OF EFFECTIVE ELECTRONIC COMMERCE WEB SITES IN TAIWAN
Yue-Jer Lin .................................................... Chung Kuo Institute of Technology, Taiwan
Jeanette Francis .................................................. Lynn University, USA
Carole Warshaw .................................................. Lynn University, USA
Rhonda Polak ..................................................... Independent Consultant, USA

A QUALITATIVE RESEARCH TO EXPLORE THE SHOPPING MOTIVATION AND BEHAVIOR IN ONLINE AUCTION
Wann-Yih Wu .................................................. National Cheng Kung University, Taiwan
Shu-Mei Lin ..................................................... National Cheng Kung University, Taiwan

AN OVERVIEW OF CYBER INSURANCE IN SMEs
Che-Hung Liu .................................................. Florida International University, USA
Hua-Wei Huang ................................................ Florida International University, USA
Te-Wei Wang .................................................... Florida International University, USA

AN EXPLORATORY STUDY ON THE EFFECTS OF COMPUTER-MEDIATED COMMUNICATIONS IN WEBCOUNSELING
Chi-Yin Hsu ..................................................... National Chi Nan University, Taiwan
Yu-fen Chen .................................................... Southern Taiwan University of Technology, Taiwan
Wei-Su Hsu ..................................................... National Taiwan Normal University, Taiwan

10:40-11:40 a.m.
Session 6B: Support Vector Machines Room 107, 1F
Chair: Lee-Hsuan Lin, Yuan-Ze University, Taiwan

FEATURE-BASED ACTOMYOSIN COMPLEX PARTICLES DETECTION
Jianfei Yang ..................................................... Kyushu Institute of Technology, Japan
Takeshi Ohashi ................................................ Kyushu Institute of Technology, Japan
Takuo Yasunaga ................................................ Kyushu Institute of Technology, Japan

A STUDY OF FAILURE PREDICTION MODEL: USING THE SUPPORT VECTOR MACHINE AND THE LOGISTIC REGRESSION MODEL
Lee-Hsuan Lin .................................................. Yuan-Ze University, Taiwan
I-Fong Yia ....................................................... Yuan-Ze University, Taiwan
Wei-Kang Wang ............................................... Yuan-Ze University, Taiwan

SUPPORT VECTOR APPROACH FOR INFORMATION SYSTEM ADOPTION RESEARCH
Shing-Hwang Doong ........................................... Shu-Te University, Taiwan
Ching-Chang Lee ............................................. National Kaohsiung First University of Science and Technology
Teresa L. Ju ..................................................... Shu-Te University, Taiwan
**SATURDAY, MAY 21, 2005**

10:40-11:40 a.m.

**Session 6C: Information Systems Research – I**  
**Room 108, 1F**

**Chair:** P. Pete Chong, University of Houston – Downtown, USA

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**INFORMATION COLLECTION WEEDING: AN APPLICATION OF PARETO PRINCIPLE**

P. Pete Chong.....................................................University of Houston – Downtown, USA
Ye-Sho Chen.....................................................................Louisiana State University, USA
Jason C. H. Chen...............................................................Gonzaga University, USA

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**A MULTI-CRITERIA DECISION SUPPORT SYSTEM FOR MEASURING GLOBALIZATION OF ECONOMIES**

Vito Bobek.....................................................................University of Primorska, Slovenia
Romana K. Vide...............................................................University of Maribor, Slovenia
Vesna Cancer.................................................................University of Maribor, Slovenia

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**A MULTI-CHECK ACCOUNTING SYSTEM OF INTERNAL CONTROL**

Jen-Der Day.............................................National Kaohsiung University of Applied Sciences, Taiwan
Shan-Yan Huang.................................National Kaohsiung University of Applied Sciences, Taiwan
Fuchiao Chyr...............................................................National Kaohsiung University of Applied Sciences, Taiwan

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**INVESTIGATING THE ANTECEDENTS OF PRODUCER'S KNOWLEDGE SHARING INTENTION IN VIRTUAL COMMUNITIES**

Irene Ya-Ling Chen ...... National Kaohsiung First University of Science and Technology
Chien-Chih Huang .........National Kaohsiung First University of Science and Technology
Meng-Hsiang Hsu ..........National Kaohsiung First University of Science and Technology

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10:40-11:40 a.m.

**Session 6D: 3D and Image Technology**  
**Room 109, 1F**

**Chair:** Cherng-Min Ma, Chang Gung University, Taiwan

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**CONTENT-BASED IMAGE RETRIEVAL USING SELF-ORGANIZING MAP AND COLOR AUTOCORRELOGRAM**

Wen-Jie Wu ..............................................................Chang Gung University, Taiwan

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**THE APPLICATION OF CORRELATION-BASED ALGORITHM TO PERFUSION AREA ESTIMATION IN HIGH-RESOLUTION ULTRASOUND IMAGE**

Chih-Kuang Yeh.....................................................Yuan Ze University, Taiwan
Sheng-Yi Lu...............................................................Yuan Ze University, Taiwan
Yung-Sheng Chen...........................................................Yuan Ze University, Taiwan

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**A FRAMEWORK TO METRIC 3D RECONSTRUCTION FROM TWO UNCALIBRATED IMAGES**

Cheng-Yuan Tang......................................................Huafan University, Taiwan
Hong-Long Chou...........................................................ITRI, Taiwan

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**A METHOD FOR SEGMENTING CHARACTERS IN THE QFN CHIPS**

Guan-Jie Wang ..............................................................I Shou University, Taiwan
Wen-Yen Wu.................................................................I Shou University, Taiwan
SOCIAL ENGINEERING ALERT: END-USER PREVENTION TRAINING BASED ON
INFORMATION VALUE EDUCATION AND VALUE/THREAT AWARENESS
Daniel T. Norris ............................................................University of South Carolina, USA
L. Roger Yin ..............................................................University of Wisconsin – Whitewater, USA

VISUAL USER REQUIREMENT REPRESENTATION GENERATOR
Deng-Jyi Chen ............................................................ National Chiao-Tung University, Taiwan
Ming-Jyh Tsai ............................................................... National Chiao-Tung University, Taiwan
Chwan-Hung Wang .................................................... National Chiao-Tung University, Taiwan

THE SERVICE QUALITY OF EXTRANET AND USER SATISFACTION
Meng-Hsun Shih .......................................................... National Sun Yat-Sen University, Taiwan
Chung-Hang Lu ............................................................ Cheng Shiu University, Taiwan
Hsien-Tang Tsai ......................................................... National Sun Yat-Sen University, Taiwan
Jen-Her Wu ................................................................. National Sun Yat-Sen University, Taiwan

MANAGING EMPLOYEES’ PARTICIPATIONS AND COMMITMENTS AT KNOWLEDGE
INTENSIVE ORGANIZATIONS: AN EMPIRICAL STUDY OF TAIWANESE
INFORMATION SERVICE INDUSTRY
Jau-Rong Chen ............................................................ Shue Te University, Taiwan
Tzu-Chuan Chou ....................................................... National Kaohsiung First University of Science and Technology
Chair:  G. Daryl Nord, Oklahoma State University, USA
( Editor, Journal of Computer Information Systems)

Panelists:

- Houn-Gee Chen, National Tsing Hua University, Taiwan (Editor-in-Chief, Journal of Information Management)
- Jason C. H. Chen, Gongzaga University, USA (Editor-in-Chief, International Journal of Mobile Learning and Organisation)
- Thomas R. Gulledge, George Mason University, USA (Editor, International Journal of Electronic Business Management)
- Chang-Tseh Hsieh, University of Southern Mississippi, USA (Editor, Journal of International Technology and Information Management)
- Shi-Ming Huang, National Chung Cheng University, Taiwan (Associate Editor, International Journal of Management and Enterprise Development)
- Zahir Irani, Brunel University, UK (Editor, Journal of Enterprise Information Management)
- Dusan Lesjak, University of Primorska, Slovenia (Editor, Managing Global Transitions: International Research Journal)
- Ting-Peng Liang, National Sun Yat-Sen University, Taiwan (Editor-in-Chief, Sun Yat-Sen Management Review)
- Binshan Lin, Louisiana State University in Shreveport, USA (Editor-in-Chief, Industrial Management & Data Systems)
- Jeretta Horn Nord, Oklahoma State University, USA (Editor-in-Chief, Journal of Computer Information Systems)
- C. E. Tapie Rohm Jr., California State University – San Bernardino, USA (Editor-in-Chief, Communications of the International Information Management)
- Dong-Her Shih, National Yunlin University of Science and Technology, Taiwan (Asia Editor, International Journal of Mobile Communications)
- Amy J.C. Trappey, National Tsing Hua University, Taiwan (Editor-in-Chief, International Journal of Electronic Business Management)
- Soushan Wu, Chang Gung University, Taiwan (Editor-in-Chief, Journal of Management - by Chinese Management Association)
- Wann-Yih Wu, National Cheng Kung University, Taiwan (Editor-in-Chief, Asia Pacific Management Review)

During this special panel, editors of several journals will address and analyze opportunities and outlets for high quality contributions in information systems/information technology related research.
ASSIMILATING ENTERPRISE SOFTWARE INTO ACADEMIC CURRICULA: A SURVEY OF ALTERNATIVES
Roger Hayen ................................................................. Central Michigan University, USA

SUGGESTIONS FOR ERP CURRICULUM IMPROVEMENT BASED ON PROFESSIONAL’S PERCEPTIONS OF REQUIRED KNOWLEDGE AND SKILLS
Yui-Liang Chen ............................................................. Shih Hsin University, Taiwan
Wei-Liang Chang ........................................................... Shih Hsin University, Taiwan
Ming-Fong Mo ............................................................. Gemtek Technology Co, Taiwan

A STUDY OF THE ROLE OF EDUCATION AND TRAINING IN THE PERFORMANCE IMPROVEMENT OF ERP SYSTEM
Wen-Hsien Tsai ............................................................ National Central University, Taiwan
Shih-Jieh Hung ............................................................ National Central University, Taiwan
Shih-Wen Chien ........................................................... Chin Yun University, Taiwan

CAREER ANCHORS AND CAREER STAGES AMONG IS PERSONNEL
Maxwell K. Hsu .......................................................... University of Wisconsin - Whitewater, USA
Eric Wang ................................................................. National Central University, Taiwan
James J. Jiang ........................................................... University of Central Florida, USA
Gary Klein ............................................................... University of Colorado at Colorado Springs, USA

OUTSOURCING AND CORPORATE APPLICATION INTEGRATION: A CONCEPTUAL MODEL
Albert Huang ............................................................. University of the Pacific, USA

CONSTRUCTING SUPPLY CHAIN KNOWLEDGE MEMORY BASED ON THE SCOR MODEL
Hsi-Chuan Ho ............................................................. National Cheng Chi University, Taiwan
Heng-Li Yang ............................................................. National Cheng Chi University, Taiwan

GREEN SUPPLY-CHAIN MANAGEMENT PRACTICE: A CASE OF TAIWAN TFT-LCD FIRM
Su-Li Lin ................................................................. Kao Yuan Institute of Technology, Taiwan
Cheng-Kai Hu .............................................................. I-Shou University, Taiwan
Wei-Han Chang ........................................................ Fortune Institute of Technology, Taiwan
SATURDAY, MAY 21, 2005
1:30-2:30 p.m.
Session 7C: Balanced Scorecard Research
Room 108, 1F
Chair: Chin S. Ou, National Chung Cheng University, Taiwan

LINKING THE BALANCED SCORECARD TO GOVERNMENT STRATEGIES: A STRATEGY MAP FOR DIGITAL DIVIDE
Chien-Chih Yu...................................................... National Cheng Chi University, Taiwan
Hsing-I Wang................................................. Overseas Chinese Institute of Technology, Taiwan

A REFERENCE MODEL DEVELOPMENT FOR VALUATING THE PERFORMANCE OF ERP SYSTEMS BASED ON BALANCED SCORECARD APPROACH
She-I Chang ...................................................... National Chung Cheng University, Taiwan
Sheng-Yu Yu .................................................. National Chung Cheng University, Taiwan

A HYBRID KNOWLEDGE AND MODEL-BASED SYSTEM FOR BALANCED SCORECARD STRATEGIES PLANNING
Wei-Kang Wang ................................................... Yuan Ze University, Taiwan
Lee-Hsuan Lin ................................................... Yuan Ze University, Taiwan
Hao-Chen Huang .............................................. Yuan Ze University, Taiwan
Mei-Chi Lai........................................................ National Taiwan University, Taiwan

1:30-2:30 p.m.
Session 7D: Mobile Technology
Room 109, 1F
Chair: Huei Lee, Eastern Michigan University, USA

SECURED WIRELESS COMMUNICATIONS AND THE CUSTOMER RELATIONSHIP MANAGEMENT (CRM) APPLICATIONS
Huei Lee.......................................................... Eastern Michigan University, USA
Kuo Lane Chen................................................. University of Southern Mississippi, USA

MOTION PREDICTION AND QoS IMPROVEMENT FOR MOBILE PHONES
Cheng-Yuan Ku................................................. National Chung Cheng University, Taiwan
Din-Yuen Chan................................................ National Chiayi University, Taiwan
Wen-Chih Chan ................................................ National Chung Cheng University, Taiwan
Mi-Cheng Lu..................................................... Toko University, Taiwan

A HIERARCHICAL CELLULAR-BASED MANAGEMENT USING FUZZY INFERENCE SYSTEM
Kuo-Qin Yan.................................................... Chaoyang University of Technology, Taiwan
Shu-Ching Wang............................................. Chaoyang University of Technology, Taiwan
Yu-Yun Chou................................................ Chaoyang University of Technology, Taiwan

THE ESTABLISH OF AS/RS ON MSS
Kuan-Yu Hu.................................................. National Kaohsiung First University of Science and Technology
Tien-Hsiang Chang ........................................ National Kaohsiung University of Applied Science, Taiwan

COLLABORATIVE MARKETING, INTEGRATED MARKETING COMMUNICATIONS AND INTEGRATED BRAND BUILDING: TOWARDS A SYSTEMIC VIEW
Yichen Lin...................................................... National University of Tainan, Taiwan
Hungyung Chiu............................................... Southern Taiwan University of Technology, Taiwan
Yaling Kao...................................................... National University of Tainan, Taiwan
Kuoliang Yu.................................................... National University of Tainan, Taiwan
SATURDAY, MAY 21, 2005

1:30-2:30 p.m.

Session 7E: Decision Technology in Healthcare     Room 101, 1F
Chair: H. Joseph Wen, Southeast Missouri State University, USA

A TEXTUAL APPROACH FOR DISCRIMINATION OF BREAST TUMOR IN ULTRASOUND IMAGES
Wen-Jia Kuo ................................................................. Yuan Ze University, Taiwan
Dar-Ren Chen ........................................................... Changhua Christian Hospital, Taiwan

INTEGRATING HEALTH INSURANCE SMART CARDS INTO HOSPITAL INFORMATION SYSTEMS
Chien-Tsai Liu ............................................................. Taipei Medical University, Taiwan
Pei-Tun Yang .............................................................. Taipei Medical University, Taiwan
Bin-Long Wang .......................................................... Tri-Services General Hospital, Taiwan

A FORECAST TO SUPPORT AN OPTIMAL PURCHASING DECISION
Ruey-Kei Chiu ............................................................ Fu-Jen Catholic University, Taiwan
Sung-Shun Weng ........................................................ Fu-Jen Catholic University, Taiwan
Chien-Wu Kuo ............................................................. Fu-Jen Catholic University, Taiwan

INFORMATION SCIENCE AND TECHNOLOGY APPLIED TO THE ANALYSIS OF MEDICINE MANAGEMENT
Chien Wen Hong ....................................................... Chia Nan University of Pharmacy & Science, Taiwan

2:40-3:40 p.m.

Session 8A: Online Course Delivery Issues     Room 107, 1F
Chair: Brendan McCarthy, Victoria University, Australia

THE APPLICATION OF E-LEARNING TO INTERNATIONAL EDUCATION
Brendan McCarthy .......................................................... Victoria University, Australia

DEVELOPING A COMPREHENSIVE ONLINE LEARNING PROGRAM: A SCHOOL OF BUSINESS CASE STUDY
Brad Kleindl ............................................................... Missouri Southern State University, USA

EXPLORING THE DETERMINANTS OF COMPUTER SOFTWARE COLLABORATIVE LEARNING PERFORMANCE: A LONGITUDINAL STUDY
Meng-Hsiang Hsu ........ National Kaohsiung First University of Science and Technology
Chien-Chih Huang ........ National Kaohsiung First University of Science and Technology
Irene Ya-Ling Chen ...... National Kaohsiung First University of Science and Technology

GLOBAL BUSINESS MANAGEMENT: FDU’S UNIQUE PROGRAM FOR ADULT LEARNERS
Jeffrey Hsu ............................................................... Fairleigh Dickinson University, USA
2:40-3:40 p.m.  
Session 8B: Database and Internet Marketing  
Room 107, 1F  
Chair: Sung-Shun Weng, Fu-Jen Catholic University, Taiwan

A STUDY OF TARGETING CROSS-INDUSTRY CUSTOMERS  
Sung-Shun Weng .........................................................Fu-Jen Catholic University, Taiwan  
Ruey-Kei Chiu .............................................................Fu-Jen Catholic University, Taiwan  
Shang-Chia Liu ............................................................Fu-Jen Catholic University, Taiwan

AN AUTOMATION SERVICE SYSTEM BASED ON CRONTAB  
Yi-Hsing Chan .........................................................Southern Taiwan University of Technology, Taiwan  
Cheng-June Lee .........................................................Southern Taiwan University of Technology, Taiwan  
Binshan Lin ..............................................................Louisiana State University in Shreveport, USA

AN EFFECTIVE REFRESH MECHANISM TOWARD AN INTEGRATED DATABASE CONSTRUCTION  
Sheng-Chi Chen ...........................................................Fu-Jen Catholic University, Taiwan  
Ruey-Kei Chiu .............................................................Fu-Jen Catholic University, Taiwan  
Jason C. H. Chen ..............................................................Gonzaga University, USA

A STUDY FOR THE DESIGN AND PERFORMANCE OF ADAPTIVE RECOMMENDER SYSTEM: BASED ON THE CONSUMER’S PURCHASE-DECISION STAGE  
Chao-Ming Wu ...........................................................Chung-Yuan Christian University, Taiwan  
Floyd Wu ...............................................................Chung-Yuan Christian University, Taiwan

2:40-3:40 p.m.  
Session 8C: Data Warehousing  
Room 108, 1F  
Chair: Jia-Lang Seng, National Cheng Chi University, Taiwan

AN ANALYTIC STUDY ON DATA WAREHOUSE BENCHMARK  
Gill Wu .................................................................Taimide Technology Inc, Taiwan  
Jai-Lang Seng ............................................................National Cheng Chi University, Taiwan

LITERATURE REVIEW ON DATA WAREHOUSE DEVELOPMENT  
J. Wang .................................................................Independent Consultant, Taiwan  
Tin-Jiun Chen ............................................................National Cheng Chi University, Taiwan  
Shih-Han Chiu ............................................................National Cheng Chi University, Taiwan

META DATA EXCHANGE TOOL IN DATA WAREHOUSING  
May Lin .................................................................Compal Technology Inc, Taiwan  
Shun-Sheng Su ............................................................National Cheng Chi University, Taiwan  
Chia-Hung Su ............................................................National Cheng Chi University, Taiwan

AN XML EXCHANGE MODEL OF DATA CUBES  
Iviy Kung ...............................................................UMC Technology Inc, Taiwan  
Jia-Haur Kang .............................................................National Cheng Chi University, Taiwan  
Wen-Hui Tsai .............................................................National Cheng Chi University, Taiwan
SATURDAY, MAY 21, 2005
2:40-3:40 p.m.
Session 8D: IT Services and Standards Room 109, 1F
Chair: Jason C. H. Chen, Gongzaga University, USA

A MECHANISM FOR CONSTRUCTION OF E-LEARNING PLATFORM: WITH RESPECTS OF KNOWLEDGE MANAGEMENT AND SCORM STANDARDS
Shi-Ming Huang .............................................. National Chung Cheng University, Taiwan
Hsiang-Yuan Hsueh ........................................ National Chung Cheng University, Taiwan
Sheng-Chang Cheng .................................... National Chung Cheng University, Taiwan

HYBRID SIMULATION ENVIRONMENT USING MOBILE AGENTS
Tainchi Lu .................................................................. National Chiayi University, Taiwan
Chinghao Hsu ........................................................ National Chiayi University, Taiwan
MingChi Fu ................................................................ National Chiayi University, Taiwan

DEVELOPING A FRAMEWORK FOR MEASURING THE SUPPLY CHAIN CAPABILITY
Hsin-Lu Chang ...................................................... National Cheng Chi University, Taiwan
Chia-Ying Hsuan ................................................ National Cheng Chi University, Taiwan

AN EMPIRICAL STUDY ON LIQUIDITY-BASED MEASURES FOR E-MARKETPLACE
Huei-Jin Wu ........................................................ Fu-Jen Catholic University, Taiwan
Ji-Tsung Ben Wu ................................................ Fu-Jen Catholic University, Taiwan
Ming-Hsien Yang ............................................... Fu-Jen Catholic University, Taiwan

THE DESIGN OF CONTEXT-AWARE ANYCAST ARCHITECTURE
Hsu-Yang Kung .... National Ping Tung University of Science and Technology, Taiwan
Hao Hsiang Ku .................................................. National Cheng Kung University, Taiwan
Ching-Yu Lin ..................................................... National Ping Tung University of Science and Technology, Taiwan
Chung-Ming Huang ........................................ National Cheng Kung University, Taiwan

2:40-3:40 p.m.
Session 8E: Information Systems Research - III Room 101, 1F
Chair: Shin-Ping Tucker, University of Wisconsin – Superior, USA

ASSESSING THE QUALITY OF THE ON-LINE EXPERIENCE: A MODEL AND METRICS
Shin-Ping Tucker ............................................. University of Wisconsin – Superior, USA

USER-IS CONFLICTS, USER-IS INTERACTION QUALITY, AND PROJECT PERFORMANCE: AN EMPIRICAL STUDY
James J. Jiang .................................................. University of Central Florida, USA
Chien-Lung Chan ............................................. Yuan-Ze University, Taiwan
Jun-Cheng Chen .................................................. National Tsing Hua University, Taiwan
Houn-Gee Chen .................................................. National Tsing Hua University, Taiwan

A KNOWLEDGE TOPOGRAPHY-BASED DECISION SUPPORT SYSTEM TO DECIDE PROJECT TASK-CAPABILITY FITNESS
Ping-Jung Hsieh ........................................... National Huwei University of Science & Technology, Taiwan
Chinho Lin ......................................................... National Cheng Kung University, Taiwan

A STUDY OF KNOWLEDGE MANAGEMENT PRACTICES BASED ON ORGANIZATIONAL LEARNING PERSPECTIVES
Wen-Hsiung Wu ........................................... National Kaohsiung University of Applied Science, Taiwan
Chin-Fu Ho ........................................................ National Sun Yat-Sen University, Taiwan
Session 9A: Knowledge and IT Management  Room 106, 1F
Chair: Teresa J. Ju, Shu-Te University, Taiwan

CAPTURING ORGANIZATIONAL MEMORY WITH ISO 9000 PROCESSES AND TOPICS MAPS
Teresa L. Ju............................................................................... Shu-Te University, Taiwan
Wann-Yih Wu............................................................................. National Cheng Kung University, Taiwan
Szu-Yuan Sun.............................................................................. National Kaohsiung First University of Science and Technology, Taiwan

A STUDY OF EXPLOITING AND TRANSFERRING PRESENTATIONAL KNOWLEDGE ASSETS
Won-Chen Chang ................................................................. National Cheng Kung University, Taiwan
Sheng-Tun Li............................................................................... National Cheng Kung University, Taiwan

KNOWLEDGE MANAGEMENT AND COMPETITIVE ADVANTAGE: A MISSIONARY AND VISIONARY PERSPECTIVE
Hwan-Yann Su............................................................................. National University of Kaohsiung, Taiwan

THE EXPLORATION OF FRAMEWORK FOR SCHOOL KNOWLEDGE MANAGEMENT SYSTEM
Fon-Show Lin ................................................................. Overseas Chinese Institute of Technology, Taiwan

Session 9B: Data Mining and Text Mining  Room 107, 1F
Chair: Her-Kun Chang, Chang Gung University, Taiwan

A FULLY DISTRIBUTED FUZZY C-MEANS ALGORITHM FOR DATA CLUSTERING
Ta-Wei Shih.............................................................................. Chang Gung University, Taiwan
Yu-Hung Hsieh................................................................. AVerMedia Technologies, Inc, Taiwan
Her-Kun Chang................................................................. Chang Gung University, Taiwan

TEXT MINING FOR PATENT MAP ANALYSIS
Yuen-Hsien Tseng ................................................................. Fu Jen Catholic University, Taiwan
Yeong-Ming Wang ................................................................. Lung Hwa University of Science and Technology, Taiwan
Dai-Wei Juang ................................................................. WebGenie Information Ltd, Taiwan
Chi-Jen Lin .............................................................................. WebGenie Information Ltd, Taiwan

DISCOVERY OF SIGNIFICANT RULE CHANGES IN SEMANTIC ASSOCIATION MINING FOR RECURRENT SPATIAL OBJECTS
Chin-Feng Lee ................................................................. Chaoyang University of Technology, Taiwan
Shu-Chen Wu................................................................. Chaoyang University of Technology, Taiwan
SATURDAY, MAY 21, 2005

4:10-5:10 p.m.
Session 9C: Hospital Information Systems Room 108, 1F
Chair: Hsin-Ginn Hwang, National Chung Cheng University, Taiwan

A CONCEPTUAL SECURITY ARCHITECTURE FOR HOSPITAL INFORMATION SYSTEMS
Chung-Feng Liu............................................... National Chung Cheng University, Taiwan
Rai-Fu Chen............................................... National Chung Cheng University, Taiwan
Ju-Ling Hsiao............................................... National Chung Cheng University, Taiwan
Hsin-Ginn Hwang....................................... National Chung Cheng University, Taiwan

BUILD A PATIENT SAFETY REPORTING SYSTEM FOR INTERNAL USE IN HOSPITAL
Hui-Mei Hsu .................................................. Meiho Institute of Technology, Taiwan
Hui-Chuan Chang ............................................ Yuan’s General Hospital, Taiwan
Li-Jung Leu.................................................. Yuan’s General Hospital, Taiwan
Ko-Fen Chien............................................... Yuan’s General Hospital, Taiwan

FROM E-HEALTHCARE TO U-HEALTHCARE
Yueh-Ching Lee............................................... National Chung Cheng University, Taiwan
Teng-Yen Wu .................................................. Microprogram Information Co, Ltd, Taiwan
Po-Chieh Chuang............................................... National Chung Cheng University, Taiwan
Shih-Jung Hsiao............................................... National Chung Cheng University, Taiwan

THE RESEARCH OF ESTABLISHING CERTIFIED NURSING ASSISTANT DISPATCHING MANAGEMENT INFORMATION SYSTEMS
Hui-Ling Huang......The Foundation of Chung-Gung Memorial Hospital in Chiayi, Taiwan
Fu-Chi Chu .................................................. Tzu-Ai General Hospital, Taiwan
I-Chun Lin .................................................. National Chung Cheng University, Taiwan
Tsui-Ping Chu......The Foundation of Chung-Gung Memorial Hospital in Chiayi, Taiwan

4:10-5:10 p.m.
Session 9D: Business Intelligence Systems Room 108, 1F
Chair: Shih-Ming Pi, Chung Yuan Christian University, Taiwan

DEVELOPING A MACROPHAGE DECODER OF ARTIFICIAL IMMUNE SYSTEM FOR SPAM FILTERING
Howard W. Huang ............................................... Chung Yuan Christian University, Taiwan
Shih-Ming Pi............................................... Chung Yuan Christian University, Taiwan

THE DEVELOPMENT OF BI BASED ON PUBLIC SOURCE: THE APPLICATION OF PATENT BASED R&D KNOWLEDGE MANAGEMENT
Hsiu-Li Liao............................................. National Taiwan University of Science and Technology, Taiwan
Su-Houng Liu ............................................... Chung Yuan Christian University, Taiwan
Chun-Hsiang Lee.................................Science and Technology Information Center, Taiwan
Chih-Chiang Kao ............................................ Center for Disease Control Taiwan, Taiwan

ON THE DEVELOPMENT OF AN AUTOMATIC PATENT MAPPING SYSTEM: RESEARCH OF PATENT MATCHING SYSTEM (PMS)
Su-Houng Liu ...............................................Chuan Yuan Christian University, Taiwan
Hsin-Ying Lee..................................................LearningTech Corp, Taiwan
Shou-Hsien Chen.............................................LearningTech Corp, Taiwan
Chou-Chih Hsieh.............................................LearningTech Corp, Taiwan

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A KNOWLEDGE TRANSFER VIEW OF THE IMPLEMENTATION OF BUSINESS INTELLIGENCE SYSTEMS
Chih-Hung Lee ..................................................Chuan Yuan Christian University, Taiwan
Yu-Ting Chu......................................................Chuan Yuan Christian University, Taiwan
Yu-Ching Hsu....................................................Chuan Yuan Christian University, Taiwan

SATURDAY, MAY 21, 2005
4:10-5:10 p.m.
Session 9E: ERP Implementation Room 101, 1F
Chair: Yu-Chung Hung, Tatung University, Taiwan

DISTINGUISHING THE PERFORMANCE DIFFERENCE OF ERP IMPLEMENTATION FROM THE PERSPECTIVE OF TOBIN’S Q: A CASE STUDY OF T COMPANY
Yu-Chung Hung......................................................................... Tatung University, Taiwan
Hsin-Che Lee .............................................................................Tatung University, Taiwan
Hsuan Huang..............................................................................Tatung University, Taiwan

MULTI-CRITERIA DECISION-MAKING APPROACH FOR SELECTING ERP SYSTEM MODULES
Wen-Hsien Tsai ..........................................................National Central University, Taiwan
Ching-Chien Yang ......................................................National Central University, Taiwan

A YARDSTICK FOR THE CRITICAL SUCCESSFUL FACTORS OF ERP IMPLEMENTATION
Huei-Zhen Gu ...........................................................Lunghwa University of Science and technology, Taiwan
Yun-Long Huang ..................................................National College of Physical Education and Sport, Taiwan
Yeong-Ming Wang .................................................Lunghwa University of Science and Technology, Taiwan

AN EMPIRICAL STUDY OF CRITICAL SUCCESS FACTORS OF ERP IMPLEMENTATION IN THE CASE OF TAIWAN’S IT INDUSTRIES
Paul Te-Yi Tseng.................................................................Tatung University, Taiwan
Shih-Chih Chen...............................................................Tatung University, Taiwan
Ching-Fang Hsu.........................................................................Tatung University, Taiwan
Architecture-Driven SAP Implementation

Prof. Thomas Gullidge
Enterprise Engineering Laboratory
George Mason University, Fairfax, VA, USA

IACIS Pacific, 2005
Taipei, Taiwan

Objectives

• Describe the architecture-driven approach that we have developed for implementing the next generation of SAP software solutions.
• Use throughout a case study from U.S. Army Logistics that is called the Single Army Logistics Enterprise (SALE)

Next Generation SAP Implementation

• Business Process Oriented Application Components Based on an Enterprise Services Architecture
• The Enterprise Services Architecture is comprised of data and business process logic from enterprise applications that may be combined into reusable modules.
• The components communicate using Enterprise Services

The Architecture Driven Approach

Step 1

• Develop Business Process Architecture on sound guiding principles that consider with policy, legal, or other regulatory requirements.
• Establish a business process domain as a candidate for integration, considering as best as practical the natural integration boundaries of the SAP solution.
  - Consider all guiding principles or other architecture constraints

Architecture Bound by Five Key Objectives

1. An Integrated Logistics Solution
2. A solution that aligns with the Financial Management Enterprise/Future Logistics Enterprise Architecture
3. A solution that supports critical decision making (i.e. strategic issues, prioritization, risk mitigation, etc.)
4. A solution that addresses technical data integration
5. A lean architecture that enables a common operating picture
   a. Minimizes interfaces
   b. Provides for single set of supporting master data
   c. Integrates existing solutions
Step 2 - Develop Other Architecture Views that Facilitate Solution Planning

- These architectural views focus on transitioning from the as-is to the to-be.
- The natural boundaries of the SAP software are exploited as required to achieve integration objectives.
Step 3 – Develop a High-Level Solution Concept

- Envision key system components from an SAP and non-SAP perspective
- Conceptualize key core E2E scenarios that must flow across the system components
- Conceptualize alignment strategy for components that fall outside the integration domain
**Step 4 – Develop E2E Scenarios**

- Identify E2E Scenarios
- Model E2E Scenarios using ARIS for NetWeaver
- Vet E2E Scenarios
- Imbed E2E Scenarios at the lowest level of the architecture
- Prepare the E2E Scenarios for insertion into the SAP Solution Manager

**Step 5 – Prepare the Implementation Environment**

- Set up the Solution Manager and define technology landscape.
- Populate Business Process Repository (BPR)
- Align E2E Scenarios with the BPR
- Synchronize the Solution Manager and the architecture as appropriate
**Step 6 – Realize and Monitor the Implementation**

- Organize for Management and Monitoring
- Monitor Realization progress relative to planned scope
- Monitor the development landscape

**The System Landscape**

**Realization**

- Ensure that Contenting of certain objects is in sync across systems
- Relate Contenting (e.g., SAP R/3) in other systems (e.g., SAP CRM)
- Avoid redundant Contenting activities in a solution landscape

**Summary**

- This presentation provides an overview of an approach for implementing the my SAP suite of products.
- The approach is based on the integration of Enterprise Solution Architectures (modeled with the ARIS Business Architect) and the SAP implementation environment (The SAP Solution Manager)
Standards for Online Education Delivers a Quality E-Learning Program

Dr. Susan Haugen
University of Wisconsin-Eau Claire
USA

My Online Teaching Experience
- Have taught 2 online MBA electives for the UW Consortium MBA program numerous times:
  - A 2 credit course on Security Concepts
  - A 1.5 credit course on Computer Fraud Fundamentals
- Have used 3 software platforms: Learning Space, Blackboard, and Desire2Learn
- Most likely will be teaching undergraduate accounting courses online in Spring 2006

E-Learning
- Learning online with an Internet connection, any time, any place
- E-Learning models can be found in military and business organizations
- Higher Education is moving rapidly to develop and deliver e-learning programs

Important E-Learning Objectives
- Instructor commitment to e-learning
- Good quality instructional design
- Transparent technology interfaces
- Ease of technology navigation
- Effective learner assessment and evaluation

Online Education
- The role of the instructor has changed to:
  - Facilitator
  - Mentor
  - Coach
- A positive faculty attitude is essential, as are faculty and student technology skills
- Both students and faculty must understand their respective responsibilities when engaged in online learning

Online Quality Issues
- Adjunct and/or untrained faculty
- Lack of face-to-face interaction
- Minimum standards for computer hardware and software
- Technology support available online
Online Quality Issues
- Institutional support for course development
- Adequate faculty compensation
- Academic dishonesty
- Limited information available to students related to specific course quality issues (i.e., US News and World report on e-learning)

Online Education Standards
- Faculty skills and training
- Specific and detailed online course design
- Curriculum content
- Class size limitations
- Minimum student competencies
- Technology access and support

Online Course Design
- Learner characteristics
- Instructor characteristics
- Platform used to deliver the class (Desire2Learn, Blackboard, WebCT)
- Specific learning objectives with appropriate coursework and assignments to support the objectives
- Delivery strategies
- Assessment strategies

Delivery Strategies
- Provide adequate background materials
- Design activities to foster critical thinking
- Design a system for student interaction and discussion with other members of the class
- Develop assignments that will allow students to be actively engaged in the course
- Faculty need to be active in the course as well as students (by providing relevant and lively feedback, initiating and discussing if necessary, keeping students on track, etc.)

Assessment Strategies
- Online quizzes and/or tests
- Group projects
- Research papers
- Tests that must be proctored
- Bottom line: different strategies work for different classes. Each instructor must use what works best for their class.

Conclusions
Establishing and maintaining standards for online programs contributes to both a quality education and a successful learning experience for students and faculty.
INTERNATIONAL ASSOCIATION FOR COMPUTER INFORMATION SYSTEMS

IACIS PACIFIC
Taipei, Taiwan – May, 2005

PUBLISHING: AN EDITOR’S PERSPECTIVE

Dr. Jeretta H. Nord
Director of Publications of IACIS
Editor-in-Chief, Journal of Computer Information Systems

G. Daryl Nord
Managing Director of IACIS
Editor, Journal of Computer Information Systems

PUBLISHING: AN EDITOR’S PERSPECTIVE

G. Daryl Nord
Professor, Management Information Systems
Editor
Journal of Computer Information Systems

IACIS Pacific
May 10-21, 2005
Taipei, Taiwan

HISTORICAL DEVELOPMENT OF IACIS

- Founded in 1960 as Society for Automation in Business
- 1969 - Society for Data Education
- 1987 - Association for Computer Education
- 1990 - IACIS

HISTORY OF IACIS

MISSION of IACIS

- To promote the growth, development, and dissemination of knowledge and understanding of Information Systems/Information Technology
HISTORY OF IACIS

Membership of IACIS

- Professionals in Information Systems, Management Science, Computer Science, and Information Technology

IACIS MEMBERSHIP

- Individual members and libraries from around the globe (25+ countries)

IACIS RESOURCES

- ISSUES IN INFORMATION SYSTEMS (Yearly publication Volume 1 was 2000)
- INTERNATIONAL ANNUAL CONFERENCE (Yearly conference 1st in 1960)
- THE JOURNAL OF COMPUTER INFORMATION SYSTEMS (Quarterly publication Volume 1 was 1960)

The Evaluation of Information Systems Journals

A) Journal Impact Factor

B) Journal Surveys

Journal Impact Factors: Institute for Scientific Information (ISI)

- Journal Citation Reports (JCR) – Thomson Publishing, 1990
  - Science Citation Index (SCI) – More than 6000 journals from the ISI database
  - Social Science Citation Index (SSCI)

JOURNAL CITATION AND IMPACT FACTORS IN INFORMATION SYSTEMS JOURNALS

Over 440 Information Systems-related journals currently being published
[Camp, 2009]
What is a Journal Impact Factor?

- A measure of the frequency with which the average article has been cited in a particular year.

Impact Factor Calculation:

- number of current year cites to a journal's articles from past two years
- total number of articles the journal published in past two years

Impact Factor Example:

Cites in 2004 to articles published in 2003 = 10
2002 = 20
Sum = 30

Number of Articles published in 2003 = 43
2002 = 40
Sum = 83

Calculation: Cites to recent articles / Number of recent articles = 0.361 (IF)

Impact Factor

- Theoretically, the greater the relevance of articles a journal publishes, the greater the impact factor

Issues that may affect a Journal's Impact Factor:

- 1 - Journal Reach via subscriptions
- 2 - Journal Accessibility via commercial databases

Prominent Commercial Online Journal Databases

- EBSCO Business Journal Elite
- ProQuest ABI/INFORM
- ProQuest Computing Online
PUBLISHING: AN EDITOR’S PERSPECTIVE

Jorjeta Hora Nord
Professor, Management Information Systems
Associate Dean for Undergraduate Programs
Oklahoma State University
Editor-in-Chief
Journal of Computer Information Systems

IACIS Pacific
May 19-21, 2005
Taipei, Taiwan

PUBLISHING: AN EDITOR’S PERSPECTIVE

IV. JOURNAL RANKING STUDIES
A. Studies Evaluated
B. Elite Journals

V. RESEARCH PUBLISHING MODEL

VI. CONCLUSIONS

VII. QUESTIONS

INTRODUCTION

The Journal of Computer Information Systems is the official publication of the International Association for Computer Information Systems (IACIS).
Published on a quarterly basis.
Double Blind Refereed publication containing articles related to information systems research including innovative and advanced technologies.
Currently publishing Volume XLV.

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JCIS MISSION

The JCIS editorial team is committed to publishing the best quality articles in a timely manner, ensuring a journal that readers find stimulating and useful in their teaching and professional activities.
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ARTICLE STRUCTURE

- Title of article
- Author name and affiliation
- Abstract
- Introduction
- Background
- Problem and hypotheses
- Research Approach and Methodology
- Analysis and Results
- Conclusions
- References (Up-to-Date and include references from JCIS)

AUTHOR INFORMATION (CONTINUED)

- PAGE LENGTH—20-25 PAGES
- NUMBER OF ARTICLES PER ISSUE—12-15
- REVIEW PROCESS—12-16 WEEKS
- ACCEPTANCE RATE—10-15 PERCENT
- WEB SITE—WWW.IACIS.ORG

JOURNAL RANKING STUDIES

<table>
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<tr>
<th>Year</th>
<th>Authors</th>
<th>Publication</th>
<th>Response</th>
<th>Respondent</th>
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<tr>
<td>1999</td>
<td>Whitman, Hantsholm, and Townsend</td>
<td>Information Systems Research</td>
<td>43/184</td>
<td>43% Directory of MIS Faculty</td>
</tr>
<tr>
<td>1999</td>
<td>Weisbass</td>
<td>JCSS</td>
<td>2770/352 8%</td>
<td>IS Faculty listed in MISREC</td>
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<td>2001</td>
<td>Wallsten and Hadapare</td>
<td>Information &amp; Management</td>
<td>214/354</td>
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<td>2001</td>
<td>Mylopoulos and Theoharakis</td>
<td>JACM</td>
<td>2784/979</td>
<td>35% Elsevier turnover list</td>
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<td>2003</td>
<td>Parkes and Pa</td>
<td>JTFIA</td>
<td>345/133</td>
<td>33.9% Elsevier list and list of 103 journals</td>
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<td>2003</td>
<td>Lovey, Romaniak, and Conklin</td>
<td>JAEV</td>
<td>2556/834</td>
<td>32% Faculty in 441 global 100 departments</td>
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ELITE JOURNALS

(NOT JOURNALS RANKED IN ALL SIX STUDIES LISTED ALPHABETICALLY)

- Communications of the ACM
- Decision Support Systems
- Information & Management
- Information Systems Research
- Journal of Computer Information Systems
- Journal of MIS
- MIS Quarterly

RESEARCH PUBLISHING MODEL

CONCLUSIONS

INCREASINGLY, ACADEMICS PLACE SIGNIFICANT IMPORTANCE ON JOURNAL RANKINGS FOR PROMOTION, TENURE, AND ASSESSMENT PURPOSES. CONSENSUS ABOUT THE RANKING OF IS-RELATED JOURNALS REMAINS A CRUCIAL ISSUE AS MANY INSTITUTIONS SEEK TO IDENTIFY TOP TIER PUBLICATIONS IN THE DISCIPLINE.

WHETHER YOU ARE DECIDING ON PUBLICATION OUTLETS FOR YOURSELF, BEING EVALUATED BY OTHERS, OR THE ONE DOING THE EVALUATING, IT IS IMPORTANT TO EVALUATE A NUMBER OF STUDIES AND CONSIDER THOSE JOURNALS THAT ARE CONSISTENTLY RANKED.
Journal of Computer Information Systems: Call for Papers

We would like to invite you submit a paper to the Journal of Computer Information Systems. The Journal of Computer Information Systems (JCIS, ISSN 0887-4417) is the official publication of the International Association for Computer Information Systems (IACIS www.iacis.org) published on a quarterly basis. The Journal is a refereed publication containing articles related to information systems research including innovative and advanced technologies.

The aim of the Journal of Computer Information Systems is to provide academically robust papers, research, and critical reviews on the issues associated with computer information systems. It is designed to be read by academics, scholars, professionals, practitioners, and those seeking an update on current experience and future prospects in relation to contemporary computer information systems. Each issue of the JCIS provides a wealth of relevant and informative articles.

The JCIS interests are wide ranging, seeking contributions that build on established lines of research work as well as break new ground in computer information systems. High-quality research in computer information systems is welcome, including theoretical, analytical, and empirical studies in computer information systems.

The JCIS editorial team is committed to providing subscribers with the best quality articles in a timely manner, ensuring a journal that subscribers will find stimulating and useful in their professional and teaching activities. Both list of JCIS Editorial Advisory Board members and list of JCIS Editorial Review Board members are printed in each JCIS issues, and are available online at www.iacis.org/web/journal.htm.

Listed below are the guidelines that must be followed when submitting a manuscript to be reviewed for publication in the JCIS.

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2. Articles should be approximately 20-25 pages.
3. All manuscripts should be formatted as double-spaced, in a 12-point font with one-inch margins.
4. The first page of the manuscript should contain only the following information: title, name and institutional affiliation of the author(s), address, phone number, fax number, and e-mail address. An asterisk should be placed next to the name of the corresponding author.
5. The second page should contain the title, an abstract of not more than 150 words, a set of key words to serve as indicators of the paper’s contents, and the beginning of the article. Do not include the author(s) name on this page.
6. Center primary headings in all caps. Place secondary headings at the left margin.
7. Tables and figures must be prepared and captioned exactly as they are to appear in The Journal and numbered consecutively in the text.
8. References must be complete and listed alphabetically at the end of the text according to the first author's last name. Each reference should be preceded by a number enclosed in square brackets. Citations in the text, referring to this list, should be made as numbers in square brackets, e.g., [10].

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Conference Venue Map: 1F Meeting Rooms

Golden Dragon Hall
To Golden Dragon Hall
To Golden Dragon Hall

Kitchen 110

109
108
107
106
Corridor

TO LOBBY
Corridor

Kitchen 105

104
103
102
101

Women’s Room
Men’s Room
International Reception Hall

1F Multi-functional meeting room

N
0.S.41
51/100
Conference Venue Map: 10F Meeting Rooms

10F Auditorium
Conference Venue Map: B1 Meeting Rooms

1. Men's Room
2. Women's Room
3. Elevator
4. Guest room
5. Control room
6. Telephone booth

A. Moveable stage
B. Moveable podium
C. Moveable podium
D. Moveable partition

B1 Banquet Hall
Transportation

Shuttle To The Grand Hotel
The Grand Hotel provides free shuttle service throughout the entire year giving you easier access to and from The Grand Hotel. Available every 20～30 minutes at the following hours:
Departure Place: The Grand Hotel Main Lobby
Departure Time:

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