The 5th International Conference on Web-based Learning (ICWL 2006)

Evergreen Laurel Hotel, Penang, Malaysia

Program

	July 19		July 20		July 21
		8:45	**Opening**		
		9:00	**Plenary Keynote Talk**	9:00	**Plenary Keynote Talk**
			by Won Kim		*by* Lee Yoon Ruey
			Chair: Liu Wenyin		*Chair: Kenneth Lau*
		10:00	**Coffee-break and Poster Presentations**	10:00	**Coffee-break and Poster Presentations**
		10:30	**Session 1**	10:30	**Session 4**
			Personalization in E-learning		**Learning Resource Deployment, Organization and Management**
			Chair: Rynson Lau		*Chair: Timothy K. Shih*
		12:30	**Lunch**	12:30	**Lunch**
14:00	**Registration**	13:30	**Session 2**	13:30	**Session 5**
			Designs, Model and Framework of E-learning Systems		**Tools in E-learning**
			Chair: Yueting Zhuang		*Chair: Liu Wenyin*
		15:30	**Coffee-break and Poster Presentations**	15:30	**Coffee-break**
14:30	**Tutorial**	16:00	**Session 3**	16:00	**Session 6**
	Research Issues on SCORM		**Implementations and Evaluations of E-learning Systems**		**Invited Session**
	by Timothy K. Shih				
	Chair: Joseph Fong		*Chair: Taku Komura*		*Chair: Qing Li*
18:00	**Reception**	18:30	**Banquet**		
		20:30	**Night Market**		

⟱ Venue for all sessions and tutorial: Laurel I.
   Each oral presentation will be just *20 mins* including Q&A.

⟱ Registration: July 19: 2:00PM-6:00PM; July 20: 8:30AM-6:00PM; July 21: 9:00AM-12:00PM.
   The registration place is the lobby outside the conference room.

⟱ Reception: July 19: 6:00 PM -8PM, Reception Cocktail at Lobby Lounge

⟱ Banquet: July 20: 6:30 PM -8:30PM, Revolving Restaurant, The City Bayview Hotel, Level P, 25-A, Farquhar Street, 10200 Penang.
   Tel : +604-21633161   Fax : +604-2634124; Coach Transfer will be provided from 6:00 PM – 6:10 PM on July 20.

⟱ Night Market: July 20: 8:30 PM -11:00PM at Batu Feringghi. Coach Transfer will be provided on 11:00 PM for pick up on July 20.

⟱ Lunch: July 20: 12:30PM-1:30PM: Buffet Lunch at Cafe Laurel (Evergreen Coffee House). All guests should wear the name badges.
   July 21: 12:30PM-1:30PM: Buffet Lunch at Cafe Laurel (Evergreen Coffee House). All guests should wear the name badges.

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Session 1: Personalization in E-learning

[36] Courseware Recommendation in E-learning System
Liang Ge, Weining Kong, and Junzhou Luo

[52] A Model for Personalized Course Material Generation Based on Student Learning Abilities and Interests
Elvis Wai Chung Leung and Qing Li

[59] Taking Blog as a Platform of Learning Reflective Journal
Hsien Tang Lin and Shyan Miny Yuan

[71] Intelligent Knowledge Recommendation System Based on Web Log & Cache Data Mining
Xun Wang and Biwei Li

[72] A Mechanism for the Personalization of Adaptive E-Learning
K. P. Hewagamage

[81] Using a User-interactive QA System to Capture Student's Interest and Authority about Course Content
Liu Wenyin, Qingtian Zeng, Wei Chen, Feng Min, and Wan Zhang

Session 2: Designs, Model and Framework of E-learning Systems

[41] An Application Framework of Electronic Learning System Using Learning Objects Approach
Siti Hafizah Ab Hamid and Tan Hock Chuan

[43] A Semantics Based Information Distribution Framework for Large Web-based Course Forum System
Hung Chim, Min Jiang, and Xiaotie Deng

[44] The Design of Decomposed SCORM Structure with Embedded LCMS Broker
Fu-Chien Kao, Zhi-Hua Ji, and Chia-Wei Liu

[75] An Efficient Illumination Framework for Web-based Lighting Engineering Education
Xiao Hui, Rynson W.H. Lau, and Gary Tam

[87] The Database Model and the System Architecture of a National Learning Objects Repository for Cyprus

Philippos Pouyioutas, Maria Poveda, and Dmitri Apraksin

[89] Collaboratively Shared Information Retrieval Model for e-Learning
Shermann S. M. Chan and Qun Jin

Session 3: Implementations and Evaluations of E-learning Systems

[14] <e-QTI>: a Reusable Assessment Engine
Martínez-Ortiz Iván, Moreno-Ger Pablo, Luis Sierra José, and Fernández-Manjón Baltasar

[15] Using VRML and JAVA to Build Virtual Game-Based Learning Environment for Addition and Subtraction Operation
Ruwei Yun, Gang Chen, Yi Li, and Zhigeng Pan

[21] An Easy-to-use E-Learning Web Authoring System for Educators
Joseph Fong and Yin Fei Yeung

[26] An Implementation of a Case-based Learning System
Yintao Liu, Li Zheng, Fang Yang, and Li Li

[80] A Web-based Chinese Handwriting Education System with Automatic Feedback and Analysis
Kai-Tai Tang, Ka-Ki Li, and Howard Leung

Session 4: Learning Resource Deployment, Organization and Management

[12] Adaptive Learning Objects for T-learning
Rey-López Marta, Fernández-Vilas Ana, P. Díaz-Redondo Rebeca, J. Pazos-Arias José, and Bermejo-Muñoz Jesús

[17] Endowing LOs with a social dimension
Giuliana Dettori, Paola Forcheri, and Maria Grazia Ierardi

[37] Reusability on Learning Object Repository
Timothy K. Shih, Chin-Chen Chang, and H. W. Lin

[45] INFERS: an Infrastructure for Experience Record in Smart Spaces
Weisheng He, Yuanchun Shi, and Weijun Qin

[76] Decreasing the Stratification Influence to Students' Learning Communities by Asynchronous Learning

Sheng-Chin Yu, Fong-Ling Fu, and Tsang- Hsiung Lee

[88] e-Learning Martial Arts
  Taku Komura, Beta Lam, Rynson Lau, and Howard Leung

Session 5: Tools in E-learning

[11] Web-based learning with non-linear multimedia stories
  Marc Spaniol, Ralf Klamma, Nalin Sharda, and Matthias Jarke

[16] IDSVL: Intrusion Detection System Virtual Lab Based on Component in the Internet
  Jianxin Wang, Ying An, and Yu Sheng

[40] Process Control in Web-based e-Learning
  Weining Kong, Liang Ge, and Junzhou Luo

[55] Location Aware Mobile Learning with Intelligent Download Suggestions
  Shu-Chen Cheng and Yen-Ting Lin

[84] Automatic Audio Indexing and Audio Playback Speed Control as Tools for Language Learning
  David Rossiter, Gibson Lam, and Brian Mak

Session 6: Surveys and Invited Papers

[48] A Survey on Using IT in Administration and Management in Hong Kong Primary School
  Lam-For Kwok and Kwok-Wa Lam

[Invited1] Facial Expression Hallucination Through Eigen-associative Learning
  Yueting Zhuang and Jian Zhang

[Invited2] Live Multimedia System Using Peer-to-Peer Architecture for Distance Education
  Nen-Fu Huang, Yih-Jou Tzang, Hsi-Feng Chen, and Yen-Ming Chu

[Invited3] A Service-Based Framework for Personalized Learning Objects Retrieval & Recommendation
  Ming Che Lee, Kun Hua Tsai, Ding Yen Ye, and Tzone I Wang

[Invited4] Internet-enabled Tangible User Interface for Distance Learning

Wei Liu, Adrian David Cheok, Shangping Lee, Ta Huynh Duy Nguyen, Clara Boj, and Diego Diaz

[Invited5] The Realization and Evaluation of a Web-based E-Pedagogy Approach for English Second Language (ESL) Learning in Elementary Schools
    Apple W. P. Fok and Horace H. S. Ip

Poster Session

[8] Integrating UDDI Searching Mechanism into SCORM XML Metadata
    Yueh-Min Huang, Yu-Lin Jeng, Shu-Chen Cheng, and Jim-Min Lin

[10] Learning Characteristics Extraction and Content Suggestion
    William C. Chu, Xing-Yi Lin, and Juei-Nan Chen

[28] Using SCORM-Based Learning Environment for Supporting Non-Science Majors' Science Learning
    Shu-Nu Chang, Te-Hua Wang, Han-Bin Chang, and Timothy K. Shih

[31] An Effective Large-scale Image Transmission Theme in the Visual Web-based Learning System
    Dan Liu and Lilong Wang

[69] Resource Discovery Services for Grid Computing Training
    Boon Low, David Fergusson, and John MacColl

[74] A Study of Pedagogical Usability on ESL/EFL E-learning Websites
    C. J. Lim and S. Lee

[83] Design and Implementation of the Online Web-Based Marine Learning System
    Feixiang Zhu and Yingjun Zhang

[86] The InterLearning Web-Based Educational Software and the Evaluation of its User Interface -The Design Students Perspective
    Philippos Pouyioutas, Zantides Evripides, Maria Poveda, and Aspasia Papadema

[32] Research on Grid Applications and Network Resource Sharing
    Nianlong Luo, Xinyu Zhang, and Jin Xie