The 3rd International Conference on Web-based Learning (ICWL 2004)

FIT Building, Tsinghua University, Beijing, China

Program Overview

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<tr><td></td><td>Aug8</td><td></td><td colspan="2">Aug9</td><td></td><td colspan="2">Aug10</td></tr>
<tr><td></td><td></td><td>8:45</td><td colspan="2">Opening</td><td></td><td colspan="2"></td></tr>
<tr><td></td><td></td><td>9:00</td><td colspan="2">Plenary Keynote Talk
by Raul Rojas
Chair: Xiaoming Li</td><td>9:00</td><td colspan="2">Plenary Keynote Talk
by Zhiwei Xu
Chair: Qing Li</td></tr>
<tr><td>10:00</td><td>Registration</td><td>10:00</td><td colspan="2">Coffee-break</td><td>10:00</td><td colspan="2">Coffee-break</td></tr>
<tr><td></td><td></td><td>10:30</td><td colspan="2">Session 1</td><td>10:30</td><td colspan="2">Session 4</td></tr>
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<tr><td></td><td></td><td></td><td>e-Learning Platforms and Tools (1)</td><td>Web-based Learning Strategies and Standards</td><td></td><td>Practice and Experience Sharing</td><td>Models, Evaluations and Control</td></tr>
<tr><td></td><td></td><td></td><td>Chair: Sue Legg</td><td>Chair: Zhu Zhiting</td><td></td><td>Chair: Horace Ip</td><td>Chair: Joseph Fong</td></tr>
<tr><td></td><td></td><td>12:30</td><td colspan="2">Lunch</td><td>12:30</td><td colspan="2">Lunch</td></tr>
<tr><td>2:30</td><td>Tutorial
by Sue Legg
Chair: Liu Wenyin</td><td>1:30</td><td colspan="2">Session 2</td><td>1:30</td><td colspan="2">Session 5</td></tr>
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<tr><td></td><td></td><td></td><td>e-Learning Platforms and Tools(2)</td><td>Experience in Web-based Learning</td><td></td><td>e-Learning Standards and Pedagogical Issues</td><td>Collaborative and Virtual Learning Environments</td></tr>
<tr><td></td><td></td><td></td><td>Chair: Raul Rojas</td><td>Chair: Ronnie Cheung</td><td></td><td>Chair: Howard Leung</td><td>Chair: Joseph Fong</td></tr>
<tr><td></td><td></td><td>3:30</td><td colspan="2">Coffee-break</td><td>3:30</td><td colspan="2">Coffee-break</td></tr>
<tr><td></td><td></td><td>4:00</td><td colspan="2">Session 3</td><td>4:00</td><td colspan="2">Poster Session</td></tr>
<tr><td></td><td></td><td></td><td>Main Track</td><td>Industrial Track</td><td></td><td colspan="2" rowspan="2">Chair: Shi Yuanchun</td></tr>
<tr><td></td><td></td><td></td><td>Learning Resource Deployment, Organization and Management</td><td>e-Learning Systems and Architecture</td><td></td></tr>
<tr><td></td><td></td><td></td><td>Chair: Li Zheng</td><td>Chair: Marian Choy</td><td></td><td colspan="2"></td></tr>
<tr><td>6:30</td><td>Reception</td><td>6:30</td><td colspan="2">Banquet</td><td colspan="3" rowspan="2"></td></tr>
<tr><td></td><td></td><td></td><td colspan="2">Chair: Lizhu Zhou</td></tr>
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August 11: **Local Tour to the Great Wall and Summer Palace, departure from *Tsinghua Unisplendour International Center* at 7:30am.**

Sessions' Location:

Registration: Lobby, FIT Building
Tutorial: 10-106, East Main Building
Reception and Banquet: Tsinghua Unisplendour International Center
Opening, Plenary Keynote Talk and Main Track Oral Sessions: Conference Hall, FIT Building
Industrial Sessions: 1-315, FIT Building
Poster Session: corridor outside the conference hall, FIT Building

The 3rd International Conference on Web-based Learning (ICWL 2004)

August 8-11, 2004, Beijing, China

http://www.icwl2004.org/

Program

Presentation Schedule for Main Track Sessions

Monday, August 9	10:30-12:10	**e-Learning Platforms and Tools** (1)
10:30	#60 The Agile Teaching/Learning Methodology and its e-Learning Platform *Andy Hon Wai Chun*	
10:50	#83 An Agent- and Service-oriented e-Learning Platform *Ivan Madjarov, Omar Boucelma, Abdelkader Betari*	
11:10	#97 Automatically Generating an E-textbook on the Web *Jing Chen, Qing Li, Liping Wang, Weijia Jia*	
11:30	#108 Prioritized Admission Control in Multimedia Network-based Elearning *Dali Zhang*	
11:50	#163 CUBES: Providing Flexible Learning Environment for Virtual Universities *Peifeng Xiang, Yuanchun Shi, Weijun Qin, Xin Xiang*	

Monday, August 9	1:30-3:35	**e-Learning Platforms and Tools** (2)
1:30	#74 Dinosys: An Annotation Tool for Web-Based Learning *Emmanuel Desmontils, Christine Jacquin, Ludovic Simon*	
1:55	#184 Web-based Multimedia Authoring and Presentation Framework for Children's Art Cultivation *Hao-Tung Lin, Yi-Chun Lai, Kuo-Yu Liu, Herng-Yow Chen*	
2:20	#45 A Progressive Content Distribution Framework in Supporting Web-Based Learning *Frederick W.B. Li, Rynson W.H. Lau*	
2:45	#50 Technologies to Support Collaborative Learning over the Multimedia H Pl f Home Platform *Martín López-Nores, YolandaBlanco-Fernández, Ana Fernández-Vilas,Rebeca P. Díaz-Redondo, José J. Pazos-Arias, Alberto Gil-Solla, Jorge García-Duque, Belén Barragáns-Martínez, Manuel Ramos-Cabrer*	
3:10	#58 Proposal for KML Designer with Web-based Environment *Chia-Hung Chen, Jun-Sing Jwo, Chih-Chi Wang*	

Monday, August 9	4:00-6:00	**Learning Resource Deployment, Organization and Management**
4:00	#111 CDAL: A Scalable Scheme for Digital Resource Reorganization *Chen Chong, Yan Hongfei, Li Xiaoming*	
4:20	# 136 An Approach to the Use and Automatic Generation of Web-Based Learning Materials *V. Fresno-Fernández, S. Montalvo-Herranz, J. Pérez-Iglesias, J. Urquiza-Fuentes, J.A. Velázquez-Iturbide*	

4:40	#122 E-learning Services Provision and Management *Lily Sun, Yan Fu, Shirley A. Williams, Tan Sun*
5:00	#90 A Modular Approach to E-Learning Content Creation and Maintenance *Phan Thanh Duc, Peter Haddawy*
5:20	#75 Using a Knowledge-based Management to Design a Web-based Creative Problem Solving System *Lin-Jung Wu, Hsien-Sheng Hsiao*
5:40	#29 Context-Based Classification for Link Data *Yonghong Tian, Wen Gao, Tiejun Huang*

Tuesday, August 10	10:30-12:10	**Practice and Experience Sharing**
10:30	#116 Crossing Boundaries with Web-Based Tools for Learning Object Evaluation *Jerry Zhigang Li, John C. Nesbit, Griff Richards*	
10:50	#14 Multimedia Distance Learning Application on Embedded End Device *Xin Chen, Yongqin Zeng, Ningjiang Chen*	
11:10	#135 Aphasics' Communities Learning on the Web *Marc Spaniol, Ralf Klamma, Luise Springer, Matthias Jarke*	
11:30	#182 Web-Based Handwriting Education with Animated Virtual Teacher *Howard Leung, Taku Komura*	
11:50	#26 From E-Learning to Virtual Learning Community: Bridging the Gap *Naomi Augar, Ruth Raitman, Wanlei Zhou*	

Tuesday, August 10	1:30-3:35	**e-Learning Standards and Pedagogical Issues**
1:30	#78 Learning Content Recommendation Service Based-on Simple Sequencing Specification *Li-ping Shen, Rui-min Shen*	
1:55	#51 Learning Object Models and an E-learning Service Infrastructure for Virtual E-learning Communities *Gilliean Lee, Stanley Y. W. Su*	
2:20	#98 Personalized Education: An Exploratory Study of Learning Pedagogies in Relation to Personalization Technologies *Apple W P Fok, Horace H S Ip*	
2:45	#148 Guidelines towards effectively sharable LOs *Emanuela Busetti, Giuliana Dettori, Paola Forcheri, Maria Grazia Ierardi*	
3:10	#124 Articulation of Learners Requirements for Personalised Instructional Design in E-Learning Services *L. Sun, K. Ousmanou, S. A. Williams*	

Tuesday, August 10	3:30 – 5:30	**Poster Session**
#151 Efficient Methods for Skimming the Web-based Synchronization Multimedia Lectures *I-Chun Lai, Kuo-Yu Liu, Hao-Tung Lin, Herng-Yow Chen* #153 Web-Based Collaborative Learning focused on the study of Interaction and Human Communication *Zhang Xinyu, Luo Nianlong, Jiang Dongxing, Liu huifen , Zhang Wenyi* #69 PKUSpace: A Collaborative Platform for Scientific Researching		

Ming Zhang, Dong-qing Yang, Zhi-Hong Deng, Ying Feng, Wen-qing Wang, Pei-xiang Zhao, Sai Wu, Shu-an Wang ,Shi-Wei Tang
#71 Learning by Seamless Migration --- A Kind of Mobile Working Paradigm
Degan Zhang, Yuanchun Shi, Enyi Chen, Guangyou Xu, Hongliang Gu
#128 XML-based Agent Communication in a Distributed Learning Environment
Elvis Wai Chung Leung, Qing Li
#32 Hook and Screen Division Based Screen Compression for the Real-time Multimedia Transformation of E-learning System
Shengjun Li, Ruimin Shen
#117 Design for a Learner-Oriented Tracking
Lily Sun, Jude Lubega, Shirley Williams
#181 Web-based Adaptive Collaborative Learning Environment Designing
Wang Yonggu, Li Xiaojuan, Gu Rong
#65 A CATV and Internet Combined Framework for Distance Learning
Zimin Mo, Wei Xing, Dongming Lu
#31 MPEG-4 Based Interactive 3D Visualization for Web-Based Learning
Qiong Zhang, Jiaoying Shi
#109 An Adaptive Distance Learning System based on Media Streaming
Hao Yin, Chuang Lin, Jin-Jun Zhuang, Qiang Ni
#53 Build Presentation Layer For Semantic Contents
Hang Guo, Zhiqiang Zhang, Qi Guo, Lizhu Zhou, Jianghua Feng
#92 E-Learning Content Management Based on Learning Object
Rui-min Shen, Li-ping Shen , Xin-wei Fan
#67 Improving Web-based Learning: Automatic Annotation of Multimedia Semantics and Cross-Media Indexing
Yueting Zhuang, Congmiao Wu, Fei Wu, Xiang Liu
#3 A Web-Based CAD System for Learning and Laboratory Purpose
Ying Shan Tai, Wenyin Liu
#24 A Web-based Teacher Assisting Agent System
Jianhua Ma, Ryosuke Komatsu, Runhe Huang
#139 An application-oriented eLearning system with self monitoring and adaptive exercises
Joseph Fong, Irene Kwan, Margaret Ng, Ivan Li, S K Chan
#46 Methodologies of the Personalized Courseware Construction Tools for E-learning
Yanhua Cao, Xiaoming Li, Huisheng Chi, Xihong Wu
#183 Agent-Based Web Learning System Applying Dynamic Fuzzy Petri Net
Yueh-Min Huang, Juei-Nan Chen, Shu-Chen Cheng, William C. Chu
#102 Design and Implementation of Virtual Computer Network Lab Based on NS2 In the Internet
Jianxin Wang, Bei Peng, Weijia Jia
#96 Semantics-Based Answers Selection in Question Answering System
Xia Sun, Qinghua Zheng
#127 Reusable Learning Object and its Strategies for E-learning
Qingtang Liu, Zongkai Yang, Kun Yan, Di Wu
#160 An Implementation of Learning Objects Management System
Wang Xuan, Zheng Li, Yang Fang
#166 Specification for Service Quality Management System of e-Learning
Zhang Yi, Zhu Zhiting, Hu Xiaoyong, Li Qing
#54 Comparison of Pronunciation Scores in Spoken Language Learning System

Weiqian Liang, Jia Liu, Runsheng Liu #73 Community Knowledge Building Environment with Concept of KBC *Zhang Xinyu, Luo Nianlong, Wu Xiangcun, Jiang Dongxing, Zhang Jianwei, Liu Dongxue* #138 Student Participation Index: Student Assessment in Online Courses *Alan Y. K. Chan, K. O. Chow, K. S. Cheung* #63 Activity Theory as Tool for Analyzing Asynchronous Learning Networks (ALN) *Jerry Zhigang Li, Sharon Elizabeth Bratt* #44 AI-Based Teaching Package for Open Channel Flow on Internet *Chau Kwokwing, Sze Yiuhung*

Presentation Schedule for Industrial Track Sessions

Monday, August 9	10:30-11：50	**Web-based Learning Strategies and Standards (IT1)**
10:30	#89 A Web-based Customized Instruction Strategy for Engineering Courses Hsien Tang Lin, Tsai-Hsing Kuo, Shyan-Ming Yuan	
10:50	#188 The Development and Applications of e-Learning Technology Standards: The Case of China Zhu Zhiting, Shi Yuanchun	
11:10	#130 A New Idea of E-Learning: Establishing University Network League Lin Cai, Yafei Yang, Yixian Yang	
11:30	#64 Using Instructional Strategy of Web-based Games to Improve Technological Creativity Hsien-Sheng Hsiao, Chien-Hsueh Wu	

Monday, August 9	1:30-3:30	**Experiences in Web-based Learning (IT2)**
1:30	#7 Enhancing Interactivity and Individualized Learning in Online Learning Environment: A Literature Approach Dawei Wang	
1:50	#187 Supporting Physics Classroom Teaching Through the Internet Li Bin, Zhang Xinyu, Liu DongXue	
2:10	#137 A Combined Structure Suitable for Web Courses Yu-Jin ZHANG	
2:30	#93 Online Teaching of Probability and Statistics Zhenjun Wei, Lu Liu	
2:50	#115 Towards a Progressive Learning Environment for Programming Courses S. L. Chong, M. Choy	
3:10	#288 Using e-learning Platform in Open and Flexible Learning *Philip Tsang, Joseph Fong and Sandy Tse*	

Monday, August 9	4:00-6:05	**E-Learning Systems Architecture (IT3)**
4:00	#106 The Design and Implementation of a Web-based Examination System He Xiaoxing, Huang Weitong	
4:25	#142 Design and Implementation of Online Programming Interface for C Language	

	Uchang Park, Yeojin Seo
4:50	#81 The Design and Implementation of VEG Boqun Cheng, Hongguang Fu, Wei Li, Yongqiang Zou
5:15	#43 ERMSCT: MPEG-7 Based Didactical AV Courseware Building Tool for Heterogeneous Terminals Yuan-zhi Zou, Tie-Jun Huang, WenGao
5:40	#25 A RDF-Based Knowledgebase implementation for e-Learning Liu Baolin, Hu Bo, Wang Xingyan, Zheng Li

Tuesday, August 10	10:30-12:10	**Models, Evaluations and Control (IT4)**
10:30	#76 Virtual versus Classical Learning and Teaching - Conflict or Mutual Strengthening? *Ryszard Tadeusiewicz, Jan Kusiak*	
10:50	#4 Web-based Learning Module : Control Systems CC Chan, Reggie Kwan, S F Chan	
11:10	#154 Example Uses of a Learning Object Shirley Williams, Keith Baker, Lily Sun, Yan Fu, Karen Johns, Khadidjatou Ousmanou, Jude Lubega	
11:30	#34 Paradigm Shift in Educational Technology and Teachers'Response Yan Hanbing, LiQing	
11:50	#146 Perspectives on Evaluating Asynchronous Learning Networks (ALN) system Fang Yang, Jerry Li	

Tuesday, August 10	1:30-3:45	**Collaborative and Virtual Learning Environments (IT5)**
1:30	#79 Developments of communication support system for hearingimpaired learners in collaborative works Lumiko KURITA, Tomomi SAEKI, Takesi HASHIMOTO, Setuo YOKOYAMA, Youzou MIYADERA	
1:55	#120 Development of Self and Peer Assessment Items for Web-based Cooperative Learning Chanjung Park	
2:20	#23 Virtual School Model in Turkey ŞEN ÇAKIR, BERNA ŞİMŞEK, AHMET KAYA	
2:55	#131 Research on Open Cooperative Environment Yushun LI, Meilin SHI	
3:20	#10 E-learning: Redefining Tomorrow's Education----Case Study of Elearning in Hong Kong University of Science and Technology Min, Gong, Guo Zhu, Du	