

2nd Workshop on Network Education
Dec. 10-11, 2003
Taiwan University

**2nd AEARU Workshop on Network Education
&
2003 International Conference of Open and Distance
Education**

Dec. 10 (Wed.) - 11 (Thu.), 2003 Taipei, Taiwan

**Organized By Division of E-Learning
Computer and Information Networking Center
Taiwan University**

Date: December 10-11, 2003

Host: Taiwan University

Organizing committee

Chair: Wei-Jao Chen, Sheng-Shiung Huang

Executive Committee: Feipei Lai, Tzu Huang

Steering Committee: Hsiu-Ping Yueh, Shih-Kuan Hsu

Number of Participants: 120

AEARU Accepted Paper

Chinese Mainland

Nanjing University

1. Digital University Museum as a New Paradigm of Education

Resources

Shijin Xu, Shaochun Dong, Jin Shao, Lianze Zhao

2. Enhancing the Monitoring of EFL Learning Process in

Web-based Education

Wenshu Zhao

Peking University

**3. MVClass : Mobile Virtual Class for Open and Distance
Education**

Guangzuo Cui, Fei Chen, Hu Chen, Jiuling Guo, Shufang Li,

Jianjun Hou

**4. The Studies of Courseware Template Tools In Support of
Multi-layer Interaction**

Qiong Wang, Junjie Shang

**5. Distance Education in SARS Situation: the Practice and Its
Implications**

Xiaomeng Wu, Yuxin Liu

Japan

Kyoto University

6. Multi-Media Technology for Teaching at a Distance

Michihiko Minoh

Osaka University

**7. Report on Information Networking Seminar II: Design and
Implementation of Network Analyzers**

Hiroyuki Ohsaki, Hasegawa Go

**8. Issues of the Implementation of International Distance
Learning Based on the Experience of Osaka and Thammasat
Universities**

Masatsugu Tsuji

Tokyo Institute of Technology

**9. A New Trial to Build a "Framework for Systematization and
Application of Large-scale Knowledge Resources" in our 21st
Century**

Nobuyasu Makoshi

University of Tsukuba

10. Constructing Origami on the Internet

Tetsuo Ida, Dorin Tepeneu, Hidekazu Takahashi

Taiwan

Taiwan University

11. Asynchronous Learning in National Taiwan University

Hsiu-Ping Yueh, Yu-Ching Wang, Ming Yuk Chan

Tsing Hua University

12. Physical Science World: A Website for Science Teachers

Li-Yu Fu

Program

December 10 th (Wed.)		
08 : 50-09 : 20	Registration	
09 : 20-10 : 00	Opening Ceremony	
10 : 00-10 : 50	Keynote speech I	Session Chair : Chao-Hsiang Yang Using Learning Theory in Teaching at a Distance Speaker : Dr. Peter Jarvis (Continuing Education at the University of Surrey, UK.)
10 : 50-11 : 10	Welcome Reception	
11 : 10-12 : 30	Plenary Session I	Session Chair : President Jeng-Jye Hwang I. A Comparative Study of Online Teaching and Learning in Asia's Open Universities Speaker : Dr. Wei-Yuan Zhang II. Comparative Study of Multimedia Distance Courses across Straits: A Case of Information Technology Literacy Speakers : Dr. Li-Ming Gao, Dr. Ching-Rong Lee
12 : 30-14 : 10	Lunch Break	13 : 15-14 : 10 「Multi-Media on Distance Learning」 Exhibition I
14 : 10-15 : 25	Paper Presentation (A1) Chinese Session Session Chair : Wei-Yuan Zhang	Paper Presentation (A2) English Session Session Chair : Ming-Syan Chen

	<p>The Basic Study on the Metadata Format for NOU Digital Learning Contents Speakers : Wen-Chin Wu, Mei-Ling Lai</p> <p>Streaming Media Applications for Distance Education Speakers : Chiu-Tien Kuo, Chih-Wen Chen</p> <p>The Quality Criteria of E-Learning Courses Speaker : Chia-Hsing Yang</p>	<p>Where are the e-Learning Standards and Specifications Going? Development Trend and Suggestions Speakers : Jean Chow, Lichieh Lin, Andy Tsai</p> <p>Report on Information Networking Seminar : Design and Implementation of Network Analyzer Speakers : Hiroyuki Ohsaki, Go Hasegawa</p> <p>Multi-Media Technology for Teaching at a Distance Speakers : Michihiko Minoh</p>
15 : 25-15 : 35	Coffee Break	
15 : 35-16 : 50	<p>Paper Presentation (B1) English Session Session Chair : Jiann-Min Yang</p> <p>Physical Science World : A Website for Science Teachers Speaker : Li-Yu Fu</p> <p>Constructing Origami on the Internet Speakers : Tetsuo Ida, Dorin Tepeneu, Hidekazu Takahahi</p> <p>A New Trial to Build a "Framework for Systematization and Application of Large-scale Knowledge Resources" in our 21st Century Speaker : Nobuyasu Makoshi</p>	<p>Paper Presentation (B2) Chinese Session Session Chair : Ching-Rong Lee</p> <p>典藏素材與學習素材系統整合設計之探討 發表人：陳昭珍、葉建華、鍾季倫</p> <p>學校導入網路教學環境之實作策略與分析 —私立大學為例 發表人：施大偉、張淑滿、馬成珉</p> <p>團體動力帶領者互動技巧運用於網路非同步小組討論之初探研究 發表人：高台茜、陳逸芬</p>

December 11th (Thu.)		
09 : 00-09 : 50	Keynote speech II	Session Chair : I-Peng Lin Advancing the Higher Distance Education Agenda : Issues and Insights Speaker : Dr. Peter S. Cookson (Director of Centre for Education & Information Technology, University for Peace)
09 : 50-10 : 00	Coffee Break	
10 : 00-10 : 50	Paper Presentation (C1) English Session Session Chair : Chia-Hsing Yang	Paper Presentation (C2) Chinese Session Session Chair : Hsiu-Ping Yueh
	A Myth in Scripting Leading to the Evolution of Media Production Process in Distance Education Speaker : Cheng-Huang Yen Issues of the implementation of international distance learning based on the experience of Osaka and Thammasat universities Speaker : Masatsugu Tsuji	多媒體數位學習內容之同步與整合 發表人：許仲佑、吳昇哲 數位學習供應鏈所需技術之重要性分析 發表人：黃國禎、蕭智允、葉書桓、 劉翔銘、賴志群
10 : 50-11 : 00	Coffee Break	
11 : 00-11 : 50	Paper Presentation (D1) English Session Session Chair : Shu-Hua Chou	

	A Web-based Tool for Assessment of English Vocabulary Acquisition through Internet Reading Activities in Higher Education Speakers : Hua-Li Jian, Frode Eika Sandnes A Case Study of K12 e-Learning Platform for Make-Up English Course at Senior High School Level Speakers : David Jin Tan Yang, Taco Chang	
11 : 50-14 : 00	Lunch Break	12 : 30-13 : 20 AEARU Representative Meeting 13 : 20-14 : 00 「 Multi-Media on Distance Learning 」 Exhibition II
14 : 00-15 : 15	Paper Presentation (E1) English Session Session Chair : Tetsuo Ida Using U.S. Online Faculty Experiences to Make Recommendations for Future Taiwan Online Faculty Speakers : Min-Hsin Chen, Annette E. Craven A Research of Perceptions of Instructors and Students in Higher Education in U.S.A and Taiwan towards Interactive Video Distance Education Classroom Design Speaker : James Chien-Chih Lee American Jesuit Higher Education and Distance Learning Speakers : Angela Yung-Chi Hou, Sandy Tasi	
15 : 15-15 : 25	Coffee Break	
15 : 25-16 : 05	Panel Discussion	Session Chair : Tzu Huang Dr. Peter Jarvis, Dr. Peter S. Cookson
16 : 05-16 : 30	Closing Ceremony & Ching-Lun Best Paper Award Session Chair : President Sheng-Shiung Hwang, NOU	

Comments by the Organizing Committee

In order to broadly enrich the academic exchanging among universities and expand this conference as an international conference, 2nd AEARU Network Education Workshop was held in conjunction with

2003 International Conference of Open and Distance Education, and collaborated with National Open University in Taiwan. The main theme of this conference was to launch a dialogue on issues relating to instructional media and strategy application. The sub-themes included combination model of instructional media, media implementation and instructional strategies, trends of media development and digital learning, policy and management of distance education, and practical experiences in distance education. This year we not only discussed the technology applied in web-based learning, but stressed how to design the instruction and learning environment by learner's characteristics and media merits.

Academically, forty-two papers were collected in the conference, and twelve of the papers were come from AEARU member universities. Five faculty members of National Taiwan University and One AEARU representative served as session chairs to facilitate the presentation and discussion during the conference. The conference provided a good opportunity for scholars and professionals from different universities and countries to share their knowledge and experience. Many new ideas had been generated from the enthusiastic discussions of presenters and participants, especially the interaction strategy in network education, curriculum and content development, evaluation strategy, and learning environment construction. We also saw various impressive implementations of instructional design and technology from the AEARU members, no matter in learning language, mathematics, biology, or computer science.

During the conference, we also held AEARU Representative Meeting on December 11th and decided the next host. Since the 1st and 2nd AEARU Network Education Workshop were both held by National Taiwan University, representatives recommended Osaka University to held the 3rd AEARU Workshop, which owns copious experiences in network education. It is expected that the next Network Education Workshop will bring us a different view of the future trends and important development of distance learning and network education.