

## The 3<sup>rd</sup> AEARU Workshop on Network Education

**Date** December 5 - 6, 2005

**Venue** Samsung Convention Center, Seoul National University  
Seoul, Korea

**Organized by** Seoul National University, Office of International Affairs and  
Bk21 School of Mechanical and Aerospace Engineering

**Website** <http://netedu2005.snu.ac.kr>

### Organizing Committee

#### Chair:

Professor Un-Chan Chung, President

#### Members:

Professor Kyongsoo Lho, Dean of International Affairs

Professor Dong-Ho Lee, Chair, School of Mechanical and Aerospace Engineering

Professor Jongwon Kim, Vice Chair, School of Mechanical and Aerospace Engineering

**Number of Participants** 20

### Summary

The 3rd AEARU Workshop on Network Education was held at Seoul National University, Korea from 5-6 December 2005. Dr. Un-Chan Chung, President of Seoul National University opened the workshop with warm words of welcome to 20 participants from 7 AEARU member universities. A total of 12 papers were submitted for the workshop and 11 presentations, including 2 keynote speeches, were given by the participants. The workshop stimulated lively discussions about a wide variety of research topics, innovative ideas and experience in network education. Participants also had an opportunity to enjoy tours of Seoul National University and the city of Seoul. The workshop concluded successfully with discussions of future collaborations and contributed significantly towards strengthening of cooperative ties amongst AEARU member universities and researchers.

### Workshop Program

Monday, December 5, 2005

**Session Chair:** Prof. Jongwon Kim, Seoul National University, Korea

**09:00-09:10 Welcome and Opening Remarks**

*President Un-Chan Chung, Seoul National University, Korea*

**09:10-09:40 Keynote Speech I**

Implementing a blended e-learning and regional cooperation  
*Myung-Koo Kang, Seoul National University, Korea*

**09:40-10:10 Keynote Speech II**

UPKI-Japanese National Academic Authentication and Authorization Platform for  
Interuniversity Collaboration and Federation  
*Yasuo Okabe, Kyoto University, Japan*

**10:10-10:30 Coffee Break I**

**10:30-10:55** Two E-learning Projects for Quality of Higher Education in Taiwan ROC: Corpus-Based General and Academic English Learning Environments  
*Hsien-Chin Liou, Jason S.Chang, National Tsing Hua University, Taiwan*

**10:55-11:20** A Web-based Instructional Management System – CEIBA  
*Yao-Yao Tang, Jason S.Chang, Kai-Ping Hsu, Yi-Ping Hung, Feipei Lai  
National Taiwan University, Taiwan*

**11:20-11:45** Enhancing Education System using High-Definition Image Media  
*Hitosh Habe, Kyoto University, Japan*

**11:45-12:10** Face Recognition-based Lecture Attendance System  
*Yohei Kawaguchi, Tetsuo Shoji, Weijane Lin, Koh Kakusho, Michihiko Minoh  
Kyoto University, Japan*

**12:10-14:00 Lunch**

**14:00-14:25** Making a Lecture Content with Deictic Information about Indicated Objects in Lecture Materials  
*Takafumi Marutani, Satoshi Nishiguchi, Koh Kakusho, Michihiko Minoh  
Kyoto University, Japan*

**14:25-14:50** Image Synthesis for Presenting Facial Information of Learners in e-Learning System  
*Kazuaki Nakamura, Koh Kakusho, Michihiko Minoh  
Kyoto University, Japan*

**14:50-15:15** Computational Origami on the Network: Geometric Construction and Theorem Proving  
*Tetsuo Ida, Mircea Marin, Hidekazu Takahashi, Fadoua Ghourabi, Asem Kasem  
University of Tsukuba, Japan*

**15:15-15:45 Coffee Break II**

**15:45-16:10** Tools for Distributed Language Learning  
*John Milton, Hong Kong University of Science and Technology, Hong Kong*

**16:10-16:35** Global Product Development (GPD): A Global Lecture on Design and Manufacturing of Global Products  
*Jongwon Kim, Seoul National University, Korea  
Deba Dutta, University of Michigan, Ann Arbor, USA  
Guenther Seliger, TU of Berlin, Germany*

**16:35-16:45 Closing Remarks**

**18:00-20:00 Dinner Banquet**

Tuesday, December 6, 2005

**09:30-11:00 SNU Campus Tour**

**11:00-20:00 Seoul City Tour**