AEARU Activity Reports

1. Title of the event
   Workshop on Web Technology and Computer Science

2. Name of host institution(s)
   KAIST

3. Date and venue
   April 11, 2008. Room#101, Bldg. E11(Creative Learning Bldg.), KAIST, Daejeon, Republic of Korea

4. Overview
   • Theme and sub-themes of the event
     Web Technology and Computer Science
   • Purpose / objectives
     The 8th AEARU Web Technology and Computer Science Workshop provides a forum for researchers from the member universities of the Association of EAST Asian Research Universities(AEARU) to present their most recent research results on web technology and computer science. The objective is to identify potential research areas, exchange ideas on research education and discuss the means for productive collaborations in the field of web technology and computer science.
   • Background to the event (any precursor or related events that have been held)
     The 7th AEARU Web Technology and Computer Science Workshop,
     December 6-7, 2006, Hsinchu, Taiwan
     Hosted by National Tsing Hua University - Hsinchu
   • Target participants
     Researchers in the field of Computer Science
   • Who was eligible to participate (e.g. AEARU members only, open to all universities)
     AEARU members, also open to all universities
   • How many people / institutions participated in the event
     50 people/ 6 institutions - KAIST, Republic of KOREA
     - Kyoto University, Japan
     - NTHU, Taiwan
     - POSTECH, Republic of KOREA
     - Samsung Electronics, Republic of Korea
     - University of Tsukuba, Japan
   • Number of papers submitted, presentations given, etc.
     6 papers presented, one keynote speech, one invited speech
   • Who comprised the organization committee for the event
     Local Organizing Committee - Sungho Jo(KAIST)
     - Moonzoo Kim(KAIST)
     - Jong C. Park(KAIST, Chair)
- Sung-Eui Yoon(KAIST)
- Seung-won Hwang(POSTECH)
- Junehwa Song(KAIST, Chair)
- Ikjun Yeom(KAIST)

5. Schedule / program

Details are attached below
# The 8th AEARU Web Technology and Computer Science Workshop

## PROGRAM

**Room #101, Bldg. E11 (Creative Learning Bldg.), 1st Floor**  
**KAIST, Daejeon, Republic of Korea**  
**April 11, 2008 (Friday)**

<table>
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<tr>
<th>Time</th>
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<tr>
<td>09:00-09:10</td>
<td>Welcome</td>
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| 09:10-10:10 | Keynote Speech  
  Kun-pyo Lee (KAIST, Republic of Korea), Beyond Usability: Enriching User Experience |
| 10:10-10:50 | Session 1 (Chair: Seung-won Hwang)  
  Chon-Wang Leong, Shun-Ren Yang (NTHU, Taiwan), NTP-BrowsingT: Conformance Test Tool for OMA Browsing Capability for Mobile Device |
| 10:50-11:30 |  
  Hyountaek Yong, Jin-ha Kim, Suman Pandey, Jeongkyu Shin, Seung-won Hwang (POSTECH, Republic of Korea), Blog rank for Maximal Advertisement Coverage |
| 11:30-12:10 |  
  Yasuhiro NAGAI, Takaaki KOMURA, Yasuo OKABE (Kyoto University, Japan), Authentication and Authorization using Single Sign-on and Electric Certificates |
| 12:10-14:00 | Lunch  
  KAIST Faculty Hall, E5 |
| 14:00-14:40 | Session 2 (Chair: Ikjun Yeom)  
  Seungwoo Kang, Youngki Lee, Sunghwan Ihm, Souneil Park, Jaesun Han, Su Myeon Kim, Junehwa Song (KAIST, Republic of Korea), MISSA: Design and Implementation of a Middleware for Easy Development and Provision of Stream-based Services |
| 14:40-15:10 |  
  Sungwon Han, Euiyul Ko, Ikjun Yeom (KAIST, Republic of Korea), Assured Forwarding in Multi-hop Wireless Networks |
| 15:10-16:00 |  
  Shigetomo Kimura, Yusuke Kumagai, Daigo Manabe, Yoshihiko Ebihara (University of Tsukuba, Japan), A Compression Method Designed for Electric Mail Transfer Protocols over TLS |
| 16:00-17:00 | Invited Speech  
  Sukun Kim (Samsung Electronics, Republic of Korea), Wireless Sensor Networks for High Fidelity Sampling |
| 17:00 | Closing |
| 18:00-20:00 | Dinner |
6. Other relevant information

- Point of contact for further information
  Ms. Eun Young Park  
  e-mail address: eypark@cs.kaist.ac.kr

- Reference information
  pdf attached (brochure)

- Link to a homepage for the event
  http://cs.kaist.ac.kr/AEARU/