2010 Eighth International Conference on ICT and Knowledge Engineering

November 24-25, 2010 at Siam University, Bangkok, Thailand

Summary Report

The international conference has been held annually since 2003 with the cooperative effort for a number of organizations and universities in Thailand and other countries. It is aimed to promote research in ICT and Knowledge Engineering by bringing together researchers and practitioners in the field to exchange ideas, to report on up-to-the-minute innovations and developments, and to present results from research on ICT and Knowledge Engineering areas and various related fields. The emphasis of the conference is on interdisciplinary scientific exchange demonstrating openness towards high-quality research falling outside current dominant schools of thought, and on technological transfer within the world wide region.

For the conference this year (8th International Conference on ICT and Knowledge Engineering), we received great support from our partnerships, the Asian Pacific Distance Multimedia Education Network (APDMEN), IEEE and IEEE Thailand Section. All accepted papers will be available through IEEE Xplore.

This year we received 41 contributions from 14 countries. The technical program committee selected 19 papers from 9 countries (Australia, Germany, Indonesia, India, Iran, Malaysia, Netherlands, Sri Lanka, and Thailand) for all the oral presentations. We invited one distinguished professors, Prof. Dr. James G. Williams (Emeritus Professor and past-chair of the Department of Information Science and Telecommunications at the University of Pittsburgh), for the keynote addresses. Prof. Dr. James G. Williams talked in the morning session of the first day. The topic was about "A Medical Metadata Information Assimilation" which discusses the challenge of collecting data from multiple sources in a medical center hospital with laboratory test equipment from multiple vendors and producing reports and displays in multiple formats. The use of a metadata language to interpret and assimilate the format and meaning of incoming data and produce multiple displays and reports from this data has proven to be a good solution to the data collection and reporting requirements in a hospital setting.

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