Conference Report

Sung J. Yi

M.Sc. Student
Department of Computer Science and Software Engineering
University of Canterbury

1. Conference Description

- **Title:** The International Conference on Information Networking 2004 (ICOIN2004)
- **Location:** Busan Marriot Hotel, Busan, South Korea
- **Date:** February 18 ~ 20, 2004
- **Sponsors:**
  - Korea Information Science Society (KISS)
  - Information Processing Society of Japan (IPSJ)
  - In cooperation with Springer, Germany

ICOIN is a successful series of conferences, which succeeds the Joint Workshop on Computer Communications(JWCC) starting from 1986 initiated by Korea and Japan. Since 1994, the name has changed into ICOIN, and it has become one of the biggest conference on networks hosted by the north eastern Asian countries.

This year's conference were divided into the following categories.
1. **Mobile Internet and Ubiquitous Computing:** Include Mobile IP protocols, Mobile Internet, Transmission devices including RFID and RF tag, Mobile Access, etc.
2. **Network Security:** Include NETWORK security, NOT to cover mathematical study of encryption.
3. **QoS, Measurement and Performance Analysis:** Include QoS related protocols and algorithms, measurement tools and equipment, analysis methods, and etc.
4. **High-Speed Network Technologies:** Concern with the switching, routing and its integration. Reliable Multicast, and Advanced Internet protocols, and etc.
5. **Next generation Internet architecture:** IPv6 and its transition, Active Network, and etc.
6. **Internet Application:** VoIP, SIP, ENUM, and etc.

2. Submitted Paper

The paper submitted for this conference is titled as *"Post-dialling Delay of Multimedia Sessions in 3G mobile Network"*, and authored by Sung J. Yi, and edited by Professor Krzysztof Pawlikowski (Department of Computer Science and Software Engineering), Assoc. Professor Harsha Sirisena (Department of Electronics and Computer Engineering) and Prasan De Silva (Telecom NewZealand).

The paper is based on the progress report I have submitted to the department to partially fulfil the M.Sc. degree. It summarize the findings obtained until September of year 2003. Even though the work was not completed by the time of submission, it had enough results and idea to discuss in the conference and with help from two supervisors, Prof. Pawlikowski and Assoc. Prof. Sirisena, I was able to submit the first conference paper in time and get accepted as one of 146 papers out of 341 paper submitted all over the world.

3. Presentation

The presentations of the paper were held in three parallel sessions. Since my paper was more focused on the perforce of the 3G multimedia session set up scheme, it was classified as *"QoS, Measurement and Performance Analysis"* category.

The presentation was held on the last day of the conference (20th of February). I was given 20 minutes to present the paper including question and answer session. I was more concentrating on explain g the motivation of the work rather than the results. Observing previous Q&A sessions I figured that, since the networking area is so broad, not every audience understands the importance of the work itself or does not have enough background knowledge for that specific topic. My intention of the presentation was to give audience background and encourage them to read the proceedings.

4. Other Presentations

Another paper submitted from our university is by Aun Haider (phD candidate at that time), which was presented by Assoc. Prof. Sirisena. Apart from this paper and mine, I attended several presentations, which discussed the materials I was not familiar with. It was great opportunity to glance at the other areas within network researches.

I have come across the proposed network applications based on the state-of-the-art technologies, which may have commercial potentials. It was also great opportunity to look at how other researchers conduct the experiments and present the result in more professional manner.

I attended QoS, Internet applications and Network security sessions. I was mostly fascinated by the network security schemes proposed during the conference. Especially, the work from Korea University, *"Fast Classification, calibration, and Visualization of Network Attacks on Backbone Links"* made me look at the topic from a different angle.

The best 20 papers accepted in this conference will later be published in the Lecture Notes in Computer Science by Springer. Germany. Fortunately, my paper was selected as one of them.

5. Acknowledgement