

COMPUTER SCIENCE SEMINAR SERIES

Department of Computer Science
City University of Hong Kong
(Departmental Seminar Seminar 2006/2007 - No 55)

SIP/SDP Based Multimedia Transport

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Date :

7 May 2007 (Monday)

Time :

5:40pm-6:20pm

Venue :

CS Seminar Room, Rm Y6405, 6th Floor Yellow Zone, Academic Building, City University of Hong Kong, Tat Chee Avenue, Kowloon Tong.

Abstract

Skype is a peer-to-peer VoIP client developed in 2003 by the organization that created KazaA. Skype's quality of the media stream is amazing compared to other VoIP applications, and it can work almost seamlessly across NATs and firewalls. However, all of the signaling and media transport protocols implemented on Skype are private. Therefore it can not intercommunicate with other VoIP applications, such as GTalk or MSN.

We are intended to build a VoIP system based on the Session Initiation Protocol (SIP) and the Session Description Protocol (SDP), and can seamlessly communicate with any other VoIP systems that based on SIP/SDP. Some of the main issues will be discussed in the seminar.

Supervisor: Dr. Weijia Jia (CS)

Research Interests: Peer-to-Peer Computing, Wireless Mesh Networks, WiMax, SIP/SDP.

All are welcome!

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In case of questions, please contact Dr Weijia Jia at Tel: 2788 9701, E-mail: itjia@cityu.edu.hk, or visit the CS Departmental Seminar Web at <http://www.cs.cityu.edu.hk/>.