

# COMPUTER SCIENCE COLLOQUIUM

Department of Computer Science  
City University of Hong Kong

Hong Kong Web Society

Department of Computer Science  
The University of Hong Kong

## On Negative Societal Impact of the Internet

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and**

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**Date :**

3 October 2006 (Tuesday)

**Time :**

3:00pm - 4:00pm (Refreshment will be served at 2:45pm)

**Venue :**

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

### Abstract

The Internet has brought lots of very positive changes to the way people live, work, entertain themselves, do business, etc. At the same time, however, the Internet has introduced a variety of costly problems, such as spam, viruses/worms, e-commerce frauds, large scale violation of intellectual property rights, wrongful defaming of others, attacks on the cyber society infrastructure, etc. It has also triggered paradigm shifts in various aspects of life and commerce, including advertising, software distribution, sales taxation, etc. It is important that we are aware of the negative societal impact of the Internet with the view to addressing it and keeping it under control. In this talk, I will review the negative societal impact of the Internet, and paradigm shifts the Internet has triggered. I will also review the status of technological and legislative solutions to these problems.

### Biography

Dr. Kim is a Senior Advisor with Samsung Electronics, Suwon, Korea, since November 2004. He is also a Professor and Fellow in the School of Information and Communication Engineering at SungKyunKwan University, Suwon, Korea. He received a Ph.D. degree in Computer Science from the University of Illinois in Urbana-Champaign. He received both a BS and an MS degree from MIT. He has published 5 books and 153 research and technical papers in international journals and conferences on the area of database, data mining and Internet technologies.

Dr. Kim was the Founder and CEO of Cyber Database Solutions, Inc. in Austin, Texas from 1996 to 2004. He was, at the same time, a Dean and Distinguished Professor of Computer Science at Ewha Women's University in Seoul, S. Korea from 1999 to 2004. From 1990 to 1996, he was the Founder and CEO of UniSQL, Inc. that created the world's first commercial object-relational database system. From 1984 to 1990, he was the Director at Microelectronics and Computer Corporation (MCC) that created one of the world's first object-oriented database systems. He was a Research Staff Member at IBM Almaden Research Center from 1980 to 1984.

Dr. Kim is the Founder and Editor-in-Chief for ACM Transactions on Internet Technology since 2000. He has been elected an ACM Fellow in 1995. He was the Founder and Chair of the ACM Special Interest Group on Knowledge Discovery and Data Mining (SIGKDD) from 1998 to 2005. He was the Chair of the ACM Special Interest Group on Management of Data (SIGMOD) from 1989 to 1997. He served as the Editor-in-Chief for ACM Transactions on Database Systems from 1992 to 2001.

Dr. Kim received the ACM 2001 Distinguished Services Award for his contributions in computing research. In 2002, he received the ACM SIGMOD "Test of Time" Award for the most influential research paper in 1992. In 1998, he received the ACM SIGMOD Contributions Award for his outstanding contributions to ACM SIGMOD and the database management research community. In 1995, he received the VLDB "10-Year Paper Award" in 1995 for the most influential research paper in 1985.

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*In case of questions, please contact Prof Qing Li at Tel: 2788 9695, E-mail: [itqli@cityu.edu.hk](mailto:itqli@cityu.edu.hk),  
or visit the CS Departmental Seminar Web at <http://www.cs.cityu.edu.hk/>.*