

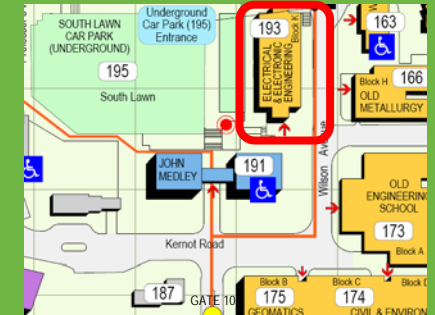
Details available online at [http://nicta.com.au/director/mediacentre/events\\_calendar/vrlss.cfm](http://nicta.com.au/director/mediacentre/events_calendar/vrlss.cfm)

# National ICT Australia invites you to the Victoria Research Laboratory Big Picture Seminar Series Monday January 29, 2007

The talk will be followed by light refreshments and an opportunity to meet the speaker.

REGISTRATION IS ESSENTIAL FOR THIS FREE EVENT  
RSVP to [vrlss@nicta.com.au](mailto:vrlss@nicta.com.au) by Tuesday January 23, 2007

Public Parking is available at an hourly rate at the University Square car park. Enter via Bouverie Street. Local street parking is also available.



**When:** 4-5pm, Monday January 29, 2007

**Where:** Brown Theatre, Electrical & Electronic Engineering (Building 193), University of Melbourne, Parkville

Krithi Ramamritham, Dean (R&D) and Prof of Computer Science, at Indian Institute of Tech. Bombay

Convergence of data streams, sensor networks, P2P and the Internet

#### ABSTRACT

Much of the data consumed today is dynamic, typically gathered from distributed sources including sensors, coming to users in the form of data streams and delivered through proxies which form a peer-to-peer network within the internet. Such data reflect the rapid and unpredictable changes in the world around us. Krithi will review the variety of infrastructure in use today for disseminating time varying information and how they strive to simultaneously improve scalability, availability, reliability and Quality of Service.

#### BIOGRAPHY

After serving for twenty years on the faculty of the Univ of Massachusetts, Krithi joined the Indian Institute of Technology Bombay as the Vijay and Sita Vashee Chair Professor in the Department of Computer Science and Engineering. He is currently serving as Dean (R&D) of IITB. His interests span the areas of real-time systems, database systems, and distributed systems. He is applying concepts from these areas to solve problems in embedded systems, mobile computing, e-commerce, intelligent internet, and the Web. During the last few years he has been interested in the use of Information and Communication Technologies for creating tools aimed at socio-economic development. A Fellow of the IEEE, a Fellow of the ACM, and a Fellow of the Indian National Academy of Engineering, Krithi serves on the editorial board of many journals. He received the Distinguished Alumnus Award from IIT Madras in 2006 and has been invited to receive the Doctor of Science (Honoris Causa) by the University of Sydney.

