

Prof Vijay Vardharajan (December 6-10, 2010)

Prof. Vijay Varadharajan, Microsoft Chair in Innovation in Computing and Director of Information and Networked System Security Research at Macquarie University, Australia, visited the Department during December 6-10, 2010. Vijay has published more than 290 papers in International Journals and Conferences, has co-authored and edited 8 books on Information Technology, Security, Networks and Distributed Systems and holds 2 patents. His research work over the years has contributed to the development of several successful secure commercial systems in the areas of Secure Distributed Applications, Secure Network Systems, Security Tools, Secure Mobile Systems as well as Cryptographic and Smart Card based Systems and secure financial, telecom and medical solutions. His current areas of research interest include Web Services Security, Secure Distributed Applications, Trusted Computing, Security Policies and Management in Distributed Systems, Internet Security, Secure Mobile Agents, Security in Mobile Networks, Wireless Security, Secure E-Commerce, Security Policies, Models and Architectures and Protocols. He has supervised successfully many PhD Research students in UK and Australia.

During his stay in the department, the post graduate and research students had opportunity to interact and discuss with him challenges and research issues in a broad spectrum of fields in the area of computer science. He gave a talk on “Systems and Network Security Research” in the department in which he discussed some of the key research challenges in security in systems and network security in general and specific research projects at Information and Networked Systems Security (INSS@MQ) Research, in particular, secure authorization in service oriented architectures, secure mobile agents based applications, hybrid trust models and trust enhanced secure systems, security and trust in mobile ad hoc networks, trusted platform based property attestation and secure virtualization.