



### **PRESS COMMUNICATION:**

Students reading for the ICT Diploma and Degrees at St Martin's Institute of IT, a Teaching Institution for the University of London, have benefitted immensely from the myPotential Scheme where graduates receive tax rebates to cover their costs of study.

In recognition of the benefits of the myPotential scheme and to acknowledge our thanks on behalf of our students, St Martin's Institute of IT and the University of London External System are pleased to announce the organization of a second free evening lecture open for the ICT Profession and students on Friday, 6<sup>th</sup> February 2009 at 6:00 pm sharp in Room 022, St Martin's Institute of IT EAST Building, by Professor Keith Martin, The Coordinator of the Information Security Group, Royal Holloway, University of London.

### **LECTURE:**

**" A tour of key management: from TTPs and PKIs to quantum channels"**

Making cryptography work in the real world is primarily an exercise in managing cryptographic keys. We will provide an overview of some of the main issues behind cryptographic key management, discussing the various stages in the lifecycle of a key. We will discuss how keys are managed today, as well as taking a look at some of the issues for the future, including the use of quantum technology.

### **SPEAKER:**

Professor Keith Martin BSc (Glasgow), PhD (London), CMath FIMA joined the Information Security Group as a lecturer in January 2000. He received his BSc (Hons) in Mathematics from the University of Glasgow in 1988 and a PhD from Royal Holloway in 1991. Between 1992 and 1996 he held a Research Fellowship in the Department of Pure Mathematics at the University of Adelaide, investigating mathematical modeling of cryptographic key distribution problems. In 1996 he joined the COSIC research group of the Katholieke Universiteit Leuven in Belgium where he was primarily involved in an EU ACTS project concerning security for third generation mobile communications. He has also held visiting positions at the University of Wollongong, University of Adelaide and Macquarie University. Keith's current research interests include cryptography, key management and wireless sensor network security. Keith is also interested in e-learning and is a co-developer of the distance learning MSc Information Security.

<http://www.isg.rhul.ac.uk/~martin/default.html>

We wish to recommend that seats are booked by not later than January 31st, 2009 on [infodesk@stmartins.edu](mailto:infodesk@stmartins.edu) – a capacity of 80 attendees is our limitation.