Martin Sadler

Director, Systems Security Lab, HP Labs Bristol

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As director of the Systems Security Lab at HP Labs Bristol, Martin Sadler is responsible for leading HP's exploratory and advanced research in trust, security and privacy.

The Systems Security Lab focuses on technologies that will enhance trust and security for enterprises and consumers, with a particular focus on secure infrastructure and the economics of security.

Guiding issues for the lab are the continued growth of organised 'cybercrime', the deeper alignment of business and IT, the rapid adoption of social networking tools and cloud-based services and the blurring boundary between personal and work life. These all make security harder to understand and yet increasingly important to everyone.

Sadler's research team is applying knowledge of mathematics, modelling, systems and security to enable the safe participation in the online world.

Following studies for a degree in pure mathematics, Sadler lectured in theoretical computing science and advanced software engineering at Imperial College, University of London, before joining HP Labs in 1989. His first role was to lead the research project that resulted in HP's first workflow product. He subsequently managed projects in the area of telephony call control before leading early work on e-business.

Recognising the importance of security in our online world, he expanded HP Labs' research capabilities in this area, which led to the creation of the Trusted Systems Lab in 2002, with Sadler as its director.

Sadler has represented HP on a number of British government and academic bodies. He was a member of the advisory board for the government's Foresight Cyber Trust and Crime Prevention project; is a member of the board for The Institute of Information Security Professionals; and served as a member of the steering committee for the government's Cyber Security Knowledge Transfer Network. He is a member of the advisory boards of a number of computing science departments in the U.K. and the U.S., and he regularly speaks on security at international conferences.

He was co-chair for Techcon – HP's internal technical conference celebrating the best in innovation across the whole company – in 2004 and 2005 and was a member of its steering committee in 2006.

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