Security Group

University of Strathclyde

Doctoral level students programme

Smartphone security   started 2013
Zalina Ayob. Supervised by George Weir.

Cultural and Behavioural Aspects of Information Security   started 2013
Fathiya Izki. Supervised by George Weir.

Gauging the likely effectiveness of information security policies   started 2014
Yazeed Alkhurayyif. Supervised by George Weir.

Intrusion Detection   started 2014
Elike Hodo. Supervised by Robert Atkinson.

Auntika Na Pibul   started 2014
Legal aspects of privacy in cloud computing. Supervised by Lilian Edwards.

Secure Interconnection of Utility Networks   started 2014
Tania Wallis. Supervised by James Irvine.

Mobile application security   started 2015
Fawad Ahmad. Supervised by Sotirios Terzis.

Vulnerability to Social Engineering in Social Networks   started 2015
Smar Muslah Albladi. Supervised by George Weir.

Classifying extremist texts using Arabic textual analysis   started 2015
Haya Alshahrani. Supervised by George Weir.

RealTime Emulation of Communications for Smart Grid Security   started 2015
Paulius Dambrauskas. Supervised by James Irvine.

Multidisciplinary techniques in Digital Forensics   started 2015
Aminata Taal. Supervised by George Weir.

Data protection and privacy in the Internet of Things   started 2016
Laura Martin. Supervised by Lilian Edwards.

Copyright protection in text and datamining algorithms   started 2016
Christian Geib. Supervised by Lilian Edwards.

Secure Communications for Smart Homes   started 2016
Ross McPherson. Supervised by James Irvine.

Understanding Covert Search   started 2016
Kritsana Khiaomang. Supervised by George Weir.

Classifying extremist content using textual analysis   started 2016
Kolade Owoeye. Supervised by George Weir.

Network Security   started 2016
Humaid Almansoori. Supervised by George Weir.

Classification of secure network traffic started 2016
Pitpimon Choorod. Supervised by George Weir.

Reputational Attacks on Twitter Feeds of the Scottish Government started 2017
Nicola McDonagh. Supervised by Narisong Huhe.

Automated reasoning of security properties started 2017
James Wood. Supervised by Robert Atkey.

Models of institutional digital security started 2017
Nwanneka Eya. Supervised by George Weir.

Digital Forensics started 2017
Nada Alghanmi. Supervised by George Weir.

Efficient wireless solutions for smart grid security started 2017
Jidapa Hansawangkit. Supervised by James Irvine.

Secure Industrial IoT started 2017
Stephen Okwudili Ugwuanyi. Supervised by James Irvine.

Online privacy law started 2017
Mark Leiser. Supervised by Lilian Edwards.

Network security started 2018
Ryan Shah. Supervised by Shishir Nagaraja.

Security policy started 2018
Ahmed Alyahya. Supervised by Sotirios Terzis.

Graduations between April-2013 – March-2018

Transient Fault (attack) detection in Low Voltage Networks (LVN) 2011–2013
Yuxian Tao. Supervised by W H Siew.
Outcome: Infrastructure security; mechanisms to detect and resist transient denial-of-service attacks on power networks for alarm-monitoring systems.

Software security: automated intrusion detection 2010–2013
Mark Vella (now at L-Universit ta' Malta). Supervised by Sotirios Terzis.
Outcome: Network security mechanisms

The regulation of hactivism in contemporary society 2010–2013
Vasileios Karagiannopoulos (now at University of Portsmouth). Supervised by Donald Nicolson.
Outcome: Risk management and regulatory frameworks for white-hat and black-hat hacking

Operational Voltage Control of Future Distribution Networks 2011–2014
Jianing Cao. Supervised by Keith Bell.
Outcome: Power systems resilience mechanisms for IoT

Drawing the line: Understanding privacy concern, privacy literacy and trust influences on online social network (OSN) privacy boundaries 2010–2014
Roberta Morrison. Supervised by Alan Wilson.
Outcome: Security, Trust and Privacy management in OSN via mixed methods and survey instruments.

A (adversarial) risk assessment framework for power system protection schemes 2012–2015
Adrianti. Supervised by Adam Dysko.
Outcome: Information risk management methods

Legal Aspects of Transmission of Digital Assets on Death 2011–2015
Edina Harbinja (now at University of Herefordshire). Supervised by Lilian Edwards.
Outcome: Privacy and regulatory frameworks for OSN

Secure Next Generation Data Links   2011–2015
Simon Brown. Supervised by James Irvine.
Outcome: Infrastructure security mechanisms for LTE,4G,5G networks

High performance pattern matching and data remanence on GPUs   2013–2016
Xavier Bellekens (now at Abertay University). Supervised by Robert Atkinson.
Outcome: Intrusion detection, security monitoring, and other GPU-based security defences

Delegated private set intersection on outsourced private datasets   2013–2017
Aydin Abadi (now at University of Edinburgh). Supervised by Sotirios Terzis.
Outcome: Security protocols for distributed systems

Secure decentralised storage networks   2013–2017
Greig Paul (now at University of Strathclyde). Supervised by James Irvine.
Outcome: Security mechanisms for file-storage in P2P networks

Optimal wireless technologies for the Internet-of-Things   2013–2017
Darshana Thomas. Supervised by James Irvine.
Outcome: IoT Security; Minimising power consumption via lightweight security protocols (threshold revocation schemes; misbehaviour management; insider attacks)

27 current students. **12** past students.