# Information Security Group Open Day Programme

**Tuesday, 26 June 2018**

| Time | WINDSOR BUILDING: MORNING SESSION | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| **9.00 – 9.45** | **Registration/Coffee (Foyer)** | | | | | | | |
| **09.45 - 10.00** | **Windsor Auditorium : Introduction and Welcome to the Event**<br>Professor Paul Layzell (Principal) & Professor Keith Mayes (Director ISG) | | | | | | | |
| **10.00 – 10.45** | **Windsor Auditorium Keynote Lecture**<br>Prof Colin Williams, Title: *A Tale of Beer, Chile, Sheffield …. and Syn! (The story of project Cybersynco)* | | | | | | | |
| | **Room 0-02 CRYPTO** | **Room 0-03 SMART CARD & IoT SECURITY CENTRE** | **Room 0-04 Systems Security Research Lab (S2LAB)** | **Room 0-05 PEOPLE AND SECURITY** | **Room 1-02 BLETCHLEY PARK / ENIGMA MACHINE** | **Room 1-03 SCHOOL S ROOM** | **Room 1-04 PhD POSTERS** | **Room 1-05 BREAK OUT ROOM** |
| **11.00 – 11:30** | Keith Martin, *Ending the Crypto Wars?*<br>(11:00 – 11:15) | Iakovos Gurulian, *On Enhancing the Security of Time Constrained Mobile Contactless Transaction*<br><br>Raja Naeem Akram, *Showcasing Undergraduate Research Projects at ISG-SCC* | TRANSCEND: Detecting Concept Drift in Malware Classification Models | Physical modelling using *LEGO* kits<br>*&*<br>People and Security display | Session 1 | | Poster Session | |
| **11.45 – 12:15** | Simon Blackburn, *Walnut and the NIST postquantum crypto standardisation call*<br>(11:45 – 12:00) | James Tapsell, *Empowering Consumers in the Age of Consumer-Data Oriented Digital Economy*<br><br>Freya Sheer Hardwick, *Fair and Transparent Blockchain based Tendering Framework - A Step Towards Open and Transparent Governance* | TESSERACT: Eliminating Experimental Bias in Malware Classification across Space and Time | Brainstorming attack vectors using *paper prototyping* kits<br>*&*<br>People and Security display | Session 2 | | Poster Session | |
| **12:15 – 13:30** | **Lunch in the Founder's South Quad** | | | | | | | |

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| Time | WINDSOR BUILDING: AFTERNOON SESSION | | | | | | | |
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| **13:30 – 14:15** | **Windsor Auditorium Keynote Lecture**<br>Prof Steve Babbage, Title: *The road to 5G Security* | | | | | | | |
| | **Room 0-02 CRYPTO** | **Room 0-03 SMART CARD & IoT SECURITY CENTRE** | **Room 0-04 Systems Security Research Lab (S2LAB)** | **Room 0-05 PEOPLE AND SECURITY** | **Room 1-02 BLETCHLEY PARK / ENIGMA MACHINE** | **Room 1-03 SCHOOLS ROOM** | **Room 1-04 PhD POSTERS** | **Room 1-05 BREAKOUT ROOM** |
| **14.30 – 15:00** | Joanne Woodage, *Invisible Salamanders and Fast Message Franking* (14:30-14:45) | Daniele Sgandurra, *Analysing and Detecting Ransomware with Machine Learning*<br><br>Andrew Watson, *Security Analysis of IoT Devices* | Labelling Functions in Stripped Binaries with Higher Order Features | Constructing qualitative narratives using *story-boards* & People and Security display | Session 3 | | Poster Session | Alumni talk by Flavius Plesu, *Rethinking the Human Factor* |
| **15.15 – 15:45** | Kenny Paterson, *Analysing leakage from encrypted databases* (15:15-15:30) | Daniele Sgandurra, *Future Quantum-Resistant Trusted Platform Modules* | Catch Me (On Time) If You Can: Understanding the Effectiveness of Twitter URL Blacklists | People and Security display | Session 4 | | Poster Session | |
| **16.00** | **Windsor Auditorium** Announcement of Winner of Best PhD Poster | | | | | | | |
| **16.15 - 16.50** | **Windsor Auditorium** Panel Discussion Chaired by Robert Carolina | | | | | | | |
| **16.50 – 17.00** | **Windsor Auditorium** Closing remarks | | | | | | | |

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| **17:00** | Event Photos & Cake |