## Information Security Group Open Day Programme

**Tuesday, 26 June 2018**

### WINDSOR BUILDING: MORNING SESSION

<table>
<thead>
<tr>
<th>Time</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>9.00 – 9.45</td>
<td>Registration/Coffee (Foyer)</td>
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| 09.45 – 10.00 | **Windsor Auditorium: Introduction and Welcome to the Event**  
Prof. Paul Layzell (Principal) & Prof. Keith Mayes (Director ISG)                                                                                                                                                                                                                     |
| 10.00 – 10.45 | **Windsor Auditorium Keynote Lecture**  
Prof. Colin Williams, Title: *A Tale of Beer, Chile, Sheffield .... and Syn! (The story of project Cybersynco)*                                                                                                                                                                           |
| 11.00 – 11:30 |  
Room 0-02 CRYPTO  
Iakovos Gurulian, *On Enhancing the Security of Time Constrained Mobile Contactless Transaction*  
Raja Naeem Akram, *Showcasing Undergraduate Research Projects at ISG-SCC*  
Session 1  
Physical modelling using LEGO kits & People and Security display  
Session 1  
Poster Session  

Room 0-03 SMART CARD & IoT SECURITY CENTRE

Room 0-04 S2LAB

Room 0-05 PEOPLE AND SECURITY

Room 1-02 BLETCHLEY PARK / ENIGMA MACHINE

Room 1-03 SCHOOL ROOM

Room 1-04 PhD POSTERS

Room 1-05 BREAK OUT ROOM

| 11.45 – 12:15 |  
Kenny Paterson, *Analysing leakage from encrypted databases*  
James Tapsell, *Empowering Consumers in the Age of Consumer-Data Oriented Digital Economy*  
Freya Sheer Hardwick, *Fair and Transparent Blockchain based Tendering Framework - A Step Towards Open and Transparent Governance*  
Session 2  
Brainstorming attack vectors using paper prototyping kits & People and Security display  
Session 2  
Poster Session |

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| 13:30 – 14:15 | **Windsor Auditorium Keynote Lecture**  
Prof Steve Babbage, Title: *The road to 5G Security* |
|               | Room 0-02  
CRYPTO | Room 0-03  
SMART CARD & IoT SECURITY CENTRE | Room 0-04  
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 | Simon Blackburn,  
*Walnut and the NIST postquantum crypto standardisation call* | Daniele Sgandurra,  
*Analysing and Detecting Ransomware with Machine Learning* | Andrew Watson,  
*Security Analysis of IoT Devices* | Session 3  
**Constructing qualitative narratives using story-boards & People and Security display** | Session 3  
**People and Security display** | Session 3  
**People and Security display** | Poster Session | Poster Session |
| 15:15 – 15:45 | Thyla van der Merwe,  
*Crypto is short for Cryptography* | Daniele Sgandurra,  
*Future Quantum-Resistant Trusted Platform Modules* | Session 4  
**People and Security display** | Session 4  
**People and Security display** | Session 4  
**People and Security display** | Poster Session | 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 |
| 17:00         | Event Photos & Cake |