



Thirteenth International Symposium on
Human Aspects of Information Security & Assurance
(HAISA 2019)

Conference Programme

DAY 1: Monday 15th July

9.00-9.45	Registration
9.45-10:00	Conference Welcome
10:00-11:00	<p>Keynote Talk – Social Engineering, The Art of Hacking the Mind</p> <p>Abstract: In today's digital ERA, cyber security threats can be quite complex. Many organizations tend to treat the problem only technologically and may underestimate the significance of humans (users) in this security equation. It has been proven beyond any doubt, that diminishing the user significance leads to serious, if not disastrous security breaches. Humans are one of the most important links in a chain of cyber security events. The scope of the talk is to present to the audience various aspects of social engineering, including types of social engineering threats and their phases, bundled with real case studies that describe how people (targets) were compromised.</p> <p>Biography: Professor Stavros Stavrou is the Dean of Faculty of Pure and Applied Sciences at the Open University of Cyprus. He is a Fellow of the Higher Education Academy U.K., an appointed member of the Executive Academic Board of the European Defence and Security College (ESDC), and the Chairman of ESDC's Cyber configuration group. His areas of expertise cover Communication Networks, Telecommunication Systems and Security Applications. To date he has raised more than 5 million Euros in personal research grants from research councils, government organizations and multinational industrial collaborations. His current interests span through different cross layer topics in the above areas, including the design and development of cross layer/domain cyber ranges.</p>
11:00-11:30	Coffee break
11:30-13:00	<p>Session 1 (<i>Chair: Nathan Clarke</i>)</p> <p>Tailoring policies and involving users in constructing security policies – A mapping study <i>Elham Rostami</i></p> <p>Using the IKEA Effect to Improve Information Security Policy Compliance <i>Omar Olivos</i></p> <p>Holistic Information Security Management for Home Environments <i>Fayez Alotaibi, Nathan Clarke and Steven Furnell</i></p>
13:00-14:00	Lunch

14:00-15:30	<p>Session 2 (Chair:)</p> <p>A Machine Learning Approach to Detect Insider Threats in Emails Caused by Human Behaviours <i>Antonia Michael and Jan Eloff</i></p> <p>Public Understanding of Cyber Security and Digital Forensics within the UK <i>Georgina Humphries and Joseph Williams</i></p> <p>Killing Your Device via Your USB Port <i>Olga Angelopoulou, Seyedali Pourmoafi, Andrew Jones and Gaurav Sharma</i></p>
15:30-16:00	<p>Coffee break</p>
16:00-17:30	<p>Session 3 (Chair:)</p> <p>Privacy Enhancing Technology Awareness for Mobile Devices <i>Aziz Alshehri, Nathan Clarke and Fudong Li</i></p> <p>Public Thoughts on Tackling Digital Crime in Society and by Law Enforcement <i>Georgina Humphries</i></p> <p>Critical Aspects Pertaining to Privacy Preservation of IoT Architecture <i>Mohamed Sarrab and Fatma Alshohoumi</i></p>
19:00-22:00	<p>Social Event</p>

DAY 2: Tuesday 16th July

9.00-9.30	Registration
9:30-11:00	<p>Session 4 (<i>Chair: Steven Furnell</i>)</p> <p>Cybersecurity Awareness and Culture in Rural Norway <i>Håkon Gunleifsen, Vasileios Gkioulos, Gaute Wangen, Andrii Shalaginov, Mazaher Kianpour and Mohamed Abomhara</i></p> <p>Users perception of using CBMT for information security training <i>Joakim Kävrestad, Marcus Nohlberg and Marie Skärgård</i></p> <p>Aligning Cyber-Security Training to Individual Cognitive Style <i>Malcolm Pattinson, Jane Sweeney, Marcus Butavicius, Andrew Reeves, Agata McCormac, Kathryn Parsons and Dragana Calic</i></p>
11:00-11:30	Coffee break
11:30-13:00	<p>Session 5 (<i>Chair:</i>)</p> <p>"MFA is a Waste of Time!" Understanding Negative Connotation Towards MFA Applications via User Generated Content <i>Bingxing Wang, Sanchari Das and L. Jean Camp</i></p> <p>Analysing the Usage of Character Groups and Keyboard Patterns in Password <i>Joakim Kävrestad, Johan Zaxmy and Marcus Nohlberg</i></p> <p>Evaluating User Perception of Multi-Factor Authentication: A Systematic Review <i>Sanchari Das, Bingxing Wang, Zachary Tingle and L. Jean Camp</i></p>
13:00-14:00	Lunch
14:00-15:00	<p>Session 6 – Workshop</p> <p><i>Cybersecurity Education: Are the lessons being learned?</i> <i>Moderator: Steven Furnell</i></p>
15:00-15:30	Coffee break
15:30-17:00	<p>Session 7 (<i>Chair:</i>)</p> <p>Phishing Attack Recognition by End-Users: Concepts for URL Visualization and Implementation <i>Vivian Ives Philipp Erbenich, Daniel Träder, Andreas Heinemann and Meltem Nural</i></p> <p>All About Phishing: Exploring User Triggers through Systematic Literature Review <i>Sanchari Das, Andrew Kim, Zachary Tingle and Christena Nippert-Eng</i></p> <p>A Hypothesised Model to Examine Cyber-Social Engineering Through LinkedIn in The Workplace <i>Mohammed Khaled N. Alotaibi</i></p>
17:00	Conference Closing Remarks

Thank you for attending