



Fifteenth IFIP International Symposium on
Human Aspects of Information Security & Assurance
(HAISA 2021)

Conference Programme

Please Note: All timings are UK British Summer Time

DAY 1: Wednesday 7th July

13.00-13:15	Conference Welcome – Prof. Steven Furnell
13:15-14:15	Session 1 (<i>Chair: Nathan Clarke, University of Plymouth, UK</i>) <i>Cyber Security in Healthcare Organisations</i> Dhrisya Ravidas (The University of Adelaide), Malcolm R Pattinson (The University of Adelaide) and Paula Oliver (AustCyber SA Node, Department of Innovation and Skills) <i>Exploring the relationship between cybersecurity and digital exclusion for seniors</i> Jeper Holgersson (University of Skövde), Joakim Kävrestad (University of Skövde) and Marcus Nohlberg (University of Skövde)
14:15-14:30	Virtual Coffee
14:30-15:30	Keynote: The gift that keeps giving: how attackers have exploited the COVID-19 pandemic Abstract: Technology pervades nearly every aspect of our lives today - most of us routinely bank, shop and socialise online and the Internet is now the life-blood of commercial and non-commercial organisations alike. Each new wave of technology increases the attack surface for all those seeking to exploit our use of technology for their own ends - from random, speculative attacks to highly sophisticated nation-state sponsored attacks. Typically, attacks start by 'hacking' humans, tricking people into disclosing information that can be used to obtain access to personal and business systems. The COVID-19 pandemic has provided fertile ground for social engineering. This presentation will explore how attackers of all kinds have sought to exploit the pandemic. Biography: David Emm is Principal Security Researcher at Kaspersky Lab, a provider of security and threat management solutions. David joined Kaspersky Lab in 2004. He is a member of the company's Global Research and Analysis Team [GReAT] and has worked in the anti-malware industry since 1990. In his current role, David regularly delivers presentations on malware and other IT security threats at exhibitions and other events, highlighting what businesses and consumers can do to stay safe online. He also provides comment to broadcast and print media on the ever-changing cyber-security and threat landscape. David has a strong interest in malware, ID theft and the human aspects of security, and is a knowledgeable advisor on all aspects of online security. David is regularly mentioned in national print press as a cyber-security expert and has a wealth of experience in being filmed for such programmes as Good Morning Britain and BBC News.

15:30-16:30	<p>Session 2 (<i>Chair: Kerry-Lynn Thomson, Nelson Mandela University, South Africa</i>)</p> <p><i>When Googling it doesn't work: The challenge of finding security advice for smart home devices</i> Sarah Turner (University of Kent), Jason Nurse (University of Kent) and Shujun Li (University of Kent)</p> <p><i>Making Access Control Easy in IoT</i> Vafa Andalibi (Indiana University Bloomington), Jayati Dev (Indiana University Bloomington), Donginn Kim (Indiana University Bloomington), Eliot Lear (Cisco Systems GmbH) and Jean Camp (Indiana University Bloomington)</p>
16:30	Day Close

DAY 2: Thursday 8th July

13:00-13:15	IFIP WG11.12 Update – Prof Kerry-Lynn Thomson
13:15-14:45	<p>Session 3 (Chair: Malcolm Pattinson, University of Adelaide, Australia)</p> <p><i>Exploring experiences of using SETA in Nordic municipalities</i> Aous Al Salek (University of Skövde), Joakim Kävrestad (University of Skövde) and Marcus Nohlberg (University of Skövde)</p> <p><i>SherLOCKED: A Detective-themed Serious Game for Cyber Security Education</i> Alice Jaffray (University of Kent), Conor Finn (University of Kent) and Jason Nurse (University of Kent)</p> <p><i>The Development of a Multidisciplinary Cybersecurity Workforce: An Investigation</i> Daniel Hulatt (Bedford College) and Eliana Stavrou (UCLan Cyprus)</p>
14:45-15:00	Virtual Coffee
15:00-17:00	<p>Session 4 (Chair: Christos Kalloniatis, University of the Aegean, Greece)</p> <p><i>A Reference Point for Designing a Cybersecurity Curriculum for Universities</i> Adele Da Veiga (Unisa), Elisha Ochola (Unisa), Mathias Mujinga (Unisa), Keshnee Padayachee (Unisa), Emilia Mwim (Unisa), Elmarie Kritzinger (Unisa), Marianne Loock (Unisa) and Pheeha Machaka (Unisa)</p> <p><i>A Conceptual Information Security Culture Framework for Higher Learning Institutions</i> Charles Mawutor Ocloo (University of South Africa), Adele Da Veiga (University of South Africa) and Jan H. Kroeze (University of South Africa)</p> <p><i>What can we learn from the analysis of information security policies: the case of UK's schools</i> Martin Sparrius (University of Portsmouth), Moufida Sadok (Institute of Criminal Justice Studies, University of Portsmouth) and Peter Bednar (University of Portsmouth)</p> <p><i>A Wolf, Hyena, and Fox game that tells pre-school children about cybersecurity</i> Dirk Snyman (North-West University), Gunther Drevin (NWU), Hennie Kruger (North-West University), Lynette Drevin (North-West University) and Johann Allers (North-West University)</p>
17:00	Day Close

DAY 3: Friday 9th July

13:00-15:00	<p>Session 5 (Chair: Jason Nurse, University of Kent, UK)</p> <p><i>Friend or Foe: An investigation into recipient identification of SMS-based phishing</i> Max Clasen (University of Portsmouth UK), Fudong Li (University of Portsmouth) and David Williams (University of Portsmouth)</p> <p><i>Towards a Risk Assessment Matrix for Information Security Workarounds</i> Eugene Slabbert (Nelson Mandela University), Kerry-Lynn Thomson (Nelson Mandela University) and Lynn Futcher (Nelson Mandela University)</p> <p><i>A Theoretical Underpinning for Examining Insider Attacks leveraging the Fraud Pentagon</i> Keshnee Padayachee (UNISA)</p> <p><i>Evaluation strategies for cybersecurity training methods: a literature review</i> Joakim Kävrestad (University of Skövde) and Marcus Nohlberg (University of Skövde)</p>
15:00-15:15	Virtual Coffee
15:15-16:45	<p>Session 6 (Chair: Marcus Nohlberg, University of Skövde, Sweden)</p> <p><i>A Systematic Literature Review on Virtual Reality Authentication</i> John Jones (University of Denver), Reyhan Duezguen (Karlsruhe Institute of Technology), Peter Mayer (Karlsruhe Institute of Technology), Melanie Volkamer (Karlsruhe Institute of Technology) and Sanchari Das (University of Denver)</p> <p><i>Performance and Usability of Visual and Verbal Verification of Word-based Key Fingerprints</i> Lee Livsey (University of York), Helen Petrie (University of York), Siamak F. Shahandashti (University of York) and Aidan Fray (University of York)</p> <p><i>The one-eyed leading the blind: Understanding differences between IT professionals and non-IT staff when creating and managing passwords</i> Martin Butler (University of Stellenbosch Business School) and Paul Brockbanks (University of Stellenbosch Business School)</p>
16:45-17:00	Closing Remarks and HAISA 2022
17:00	End of event

Thank you for attending