



Sixteenth IFIP International Symposium on
Human Aspects of Information Security & Assurance
(HAISA 2022)

Conference Programme

Please Note: All timings are local Greek Time

DAY 1: Wednesday 6th July

9.00-9:15	Conference Welcome – Prof. Steven Furnell
9.15-10:00	<p>Keynote: Power, Politics, and the Mysteries of Human (Security) Behaviour</p> <p>Abstract:</p> <p>Why do people who claim to be concerned about privacy disclose their personal information on social media? Why do users that are aware of security threats often neglect to take protective measures? Why do loyal employees sometimes fail to comply with security policies? Why do infosec managers often insist on practices and policies that have been proven to be ineffective? These and several more questions arise whenever we observe individuals' security and privacy behavior and despite the vast amount of research in the field, we still lack a comprehensive explanation.</p> <p>In this talk, we'll explore privacy and security behavior from multiple perspectives, including cognitive biases and decision-making heuristics, latent incentives, socio-cultural dispositions, and organizational politics. We'll show that no single theoretical model can provide sufficient guidance and, thus, it is important to adopt a multidisciplinary and multi-theoretical approach.</p> <p>Biography:</p> <p>Dr. Spyros Kokolakis is a Professor in the Department of Information and Communication Systems Engineering of the University of the Aegean. He holds a B.Sc. (Informatics) and a Ph.D. (Information Systems) from the Athens University of Economics & Business (GR). He has served as the Dean of the School of Engineering at the University of the Aegean. His research interests include Information Systems Security Management, Information Privacy and Data Protection, and Business Information Systems. He has extensive consulting experience in the field of information security management and he is a certified ISO22301 Lead Auditor and ISO9001 Internal Auditor.</p>
10.00-10.50	<p>Session 1 (<i>Chair: Nathan Clarke, University of Plymouth, UK</i>)</p> <p><i>How privacy concerns impact Swedish citizens' willingness to report crimes</i> Gunnar Lindqvist and Joakim Kävrestad</p> <p><i>A Survey of Australian Attitudes Towards Privacy: Some Preliminary Results</i> Aleatha Shanley, Mike Johnstone, Patryk Szewczyk and Michael Crowley</p>
10.50-11.10	Coffee Break

11.10-12.50	<p>Session 2 (Chair: Christos Kalloniatis, University of the Aegean, Greece)</p> <p><i>Visual Programming in Cyber Range Training to Improve Skill Development</i> Magdalena Glas, Manfred Vielberth, Tobias Reittinger, Fabian Böhm and Günther Pernul</p> <p><i>Survey of users' willingness to adopt and pay for cybersecurity training</i> Joakim Kävrestad, Martin Gellerstedt, Marcus Nohlberg and Jana Rambusch</p> <p><i>A Thematic Content Analysis of the Cybersecurity Skills Demand in South Africa</i> Madri Kruger, Lynn Fitcher and Kerry-Lynn Thomson</p> <p><i>Extracting Guidelines for Security Education, Training and Awareness programme from the Literature</i> Olivier de Casanove and Florence Sedes</p>
12.50-14.00	Lunch
14.00-15.40	<p>Session 3 (Chair: Lynn Fitcher, Nelson Mandela University, South Africa)</p> <p><i>Systematic review of factors that influence the cybersecurity culture</i> Emilia Mwim and Jabu Mtsweni</p> <p><i>Security Culture in Industrial Control Systems Organisations: A literature review</i> Stefanos Evripidou, Uchenna D. Ani, Jeremy D. Mck. Watson and Stephen Hailes</p> <p><i>Policy components - a conceptual model for tailoring information security policies</i> Elham Rostami, Fredrik Karlsson and Shang Gao</p> <p><i>Security fatigue: A case study of data specialists</i> Anusha Bhana and Jacques Ophoff</p>
15.40-16.10	Coffee
16.10-17.00	<p>Session 4 (Chair: Marcus Nohlberg, University of Skövde, Sweden)</p> <p><i>Designing and Evaluating a Prototype for Data-related Privacy Controls in a Smart Home</i> Chola Chhetri and Vivian Motti</p> <p><i>Your Cookie Disclaimer is not in line with the ideas of the GDPR. Why?</i> Anne Hennig, Heike Dietmann, Franz Lehr, Miriam Mutter, Peter Mayer and Melanie Volkamer</p>
17.00	Day Close

DAY 2: Thursday 7th July

9.00-9.15	IFIP WG11.12 Update – Prof Kerry-Lynn Thomson (WG11.12 Chair)
9.15-11.00	<p>Session 1 (Chair: Kerry-Lynn Thomson, Nelson Mandela University, South Africa)</p> <p><i>An Exploratory Factor Analysis of Personality Factors: An Insider Threat Perspective</i> Keshnee Padayachee</p> <p><i>Factors Influencing Cybercrime Reporting Behaviour in South African State-Owned Entities</i> Karabo Pilane, Zainab Ruhwanya and Irwin Brown</p> <p><i>PowerQoPE: A Personal Quality of Internet Protection and Experience Configurator</i> Enock Samuel Mbewe, Taveesh Sharma and Josiah Chavula</p> <p><i>Online security attack experience and worries of young adults in the United Kingdom</i> Najla Aldaraani, Helen Petrie and Siamak Shahandashti</p>
11.00-11.30	Coffee Break
11:30-12.45	<p>Session 2 (Chair: Joakim Kävrestad, University of Skövde, Sweden)</p> <p><i>Cybersecurity Knowledge Requirements for a Water Sector Employee</i> Sune von Solms, Annalize Marnewick, Masike Malatji and Rendani Thomani</p> <p><i>Exploring CyBOK with Topic Modeling Techniques</i> Ana I. González-Tablas and Mohammed Rashed</p> <p><i>COLTRANE – Towards a methodology and platform supported educational basis for cybersecurity education</i> Vittorio Scarano, Jerry Andriessen, Steven Furnell, Gregor Langner, Carmela Luciano, Gerald Quirchmayr and Teemu Tokola</p>
12.45-14.00	Lunch
14.00-15.15	<p>Session 3 (Chair: Ana González-Tablas, Universidad Carlos III de Madrid, Spain)</p> <p><i>A novel framework for the development of age appropriate information security serious games</i> Rudi Serfontein and Riana Serfontein</p> <p><i>CAP: Patching the Human Vulnerability</i> Thaddeus Eze and Neil Hawker</p> <p><i>An investigation into educational process models for teaching secure programming</i> Vuyolwethu Mdunyelwa, Lynn Fatcher and Johan van Niekerk</p>
15.15-15.45	Coffee

15.45-17.00	<p>Session 4 (<i>Chair: Thaddeus Eze, University of Chester, UK</i>)</p> <p><i>Cyber4Dev Security Culture Model for African Countries</i> Victor Reppoh and Adele Da Veiga</p> <p><i>A model for information security culture with innovation and creativity as enablers</i> Adele Da Veiga</p> <p><i>Understanding phishing in mobile instant messaging: A study into user behaviour toward shared links</i> Rufai Ahmad and Sotirios Terzis</p>
17.00-17.15	Closing Remarks and HAISA 2023
17.15	End of event

Thank you for attending