



HAISA 2024

**18th IFIP International Symposium on
Human Aspects of Information Security & Assurance**

Conference Programme

Please Note: All timings are local Swedish Time

Tuesday 9th July Conference Day 1

Zoom Link

<https://plymouth.zoom.us/j/98586287116?pwd=PvI91GCT1L7HaOVINFAtn4qWUQq9Ca.1>



9.00-9:20	Conference Welcome – <i>Prof. Steven Furnell (University of Nottingham, UK)</i>
9.20-11:00	Session 1 (<i>Chair: Nathan Clarke, University of Plymouth, UK</i>) A Framework for Matching Distinct Personality Types with Information Security Awareness Methods <i>Veronika Jashari, Satu Björn, Ella Kolkowska and Shang Gao</i> Laying the foundation for digital citizenship: The integration of ‘the CyberSmart Squad’ into pre-school curriculum <i>Kerry-Lynn Thomson and Noluxolo Gcaza</i> Useful but for someone else - an explorative study on cybersecurity training acceptance <i>Joakim Kävrestad, Erik Bergström, Eliana Stavrou and Marcus Nohlberg</i> Employee Motivation in Organizational Cybersecurity: Matching Theory and Reality <i>Tobias Reittinger, Magdalena Glas, Sarah Aminzada, and Günther Pernul</i>
11.00-11.20	Coffee Break
11.20-13.00	Session 2 (<i>Chair: Ella Kolkowska, Orebro University, Sweden</i>) Data After Death: Australian User Preferences and Future Solutions to Protect Posthumous User Data <i>Andrew Reeves, Arash Shaghaghi, Shiri Krebs and Debi Ashenden</i> Security and Privacy Perspectives on Using ChatGPT at the Workplace: An Interview Study <i>Angelika Kimbel, Magdalena Glas and Günther Pernul</i> A Holistic Approach to Developing Intervention Strategies Against Digital Piracy <i>Nompilo Fakude and Elmarie Kritzinger</i> Assessing Cyber Security Support for Small and Medium-Sized Enterprises <i>Neeshé Khan, Steven Furnell, Maria Bada, Jason R.C. Nurse and Matthew Rand</i>
13.00-14.00	Lunch

14.00-14.45	<p>Keynote: IFIPs working groups as rich environments for nourishing innovation and development</p> <p>Abstract: I want to share some of my memories and experiences from work within IFIP and its WGs; the people, the activities, the impacts, the feelings, and show how to many of us the human aspects of the use of ICT early sparked off the interests and needs for information security- on the societal level, in the organizations and for the personal use.</p> <p>Biography: Professor Louise Yngström, Professor Emerita, Stockholm University</p>
14.45-15.35	<p>Session 3 (<i>Chair: Reinhardt Botha, Noroff University College, Norway</i>)</p> <p>Information security behavioural threshold analysis: An application in the South African retail sector <i>Noluhle Makhubalo and Dirk Snyman</i></p> <p>Scoping Review: The Landscape of Digital Risks and Cybersecurity Solutions for Journalists <i>Samantha Phillips, Malte Hansen and Amukelani Matsilele</i></p>
15.35-16.10	Coffee Break
16.10-17.25	<p>Session 4 (<i>Chair: Kerry-Lynn Thomson, Nelson Mandela University, South Africa</i>)</p> <p>The Influence of Human Factors on Adaptive Social Media Cyber-security Training and Education <i>Fai Ben Salamah, Marco A. Palomino, Maria Papadaki, Matthew J. Craven and Steven Furnell</i></p> <p>Investigating the use of indigenous languages within South African schools to teach cyber-safety awareness <i>Amukelani Lisa Nkuna and Elmarie Kritzinger</i></p> <p>Towards an Active Learning Approach for the Design of a Secure Programming Course using Constructive Alignment <i>Vuyolwethu Mdunyelwa, Lynn Fitcher and Johan van Niekerk</i></p>
17.25	Day Close

18.15 – City tour with bubbles

We will meet outside Scandic Billingen for a guided city tour (Walking!) of about an hour. We will end the tour at Mikes pub for a bubbly toast. If you do not want to attend the tour you can join up at Mikes Pub for the toast! See <https://www.mikespub.se>

Wednesday 10th July Conference Day 2

Zoom Link

<https://plymouth.zoom.us/j/96364608493?pwd=VslQmlOTe9Ab7lIF1hZogbDDaQBT1Y.1>



9.00-9.15	IFIP WG11.12 Update – <i>Prof. Kerry-Lynn Thomson (WG11.12 Chair)</i>
9.15-10.00	<p>Keynote: Communicating clearly during a crisis. Lessons from the pandemic and onwards.</p> <p>Abstract: Science communication is challenging at the best of times. But when it is done during a pandemic, awash with disinformation, misinformation, rumours and bad faith actors, it becomes an entirely new field. Science journalist Amina Manzoor discusses lessons from the COVID-19 pandemic for both researchers and journalists, and how to communicate during a crisis. In addition, she explains the principles of journalism and what makes the media pick up a story, new study or a press release. She will also give concrete tips for researchers in contacts with journalists.</p> <p>Biography: Amina Manzoor has been working as a journalist for twenty years, and exclusively covering medicine and science for over ten years. During the pandemic she became a highly trusted and regarded voice in the Swedish media. Amina Manzoor has received multiple awards for her reporting, including the Royal Swedish Academy of Engineering Sciences' prize for science in journalism. She works at Swedish tabloid Expressen as a science commentator.</p>
10.00-11.15	<p>Session 1 (<i>Chair: Marcus Nohlberg, University of Skövde, Sweden</i>)</p> <p>Improving the Human Firewall: Exploring the Factors that Influence Cyber-Security Incident Reporting <i>Kristiina Ahola, Daniel Sturman, Nadia Scott, Malcolm Pattinson, Andrew Reeves, Marcus Butavicius, Agata McCormac</i></p> <p>Harnessing the Right Talent for SETA Programs: Cybersecurity Roles and Competencies that Make a Difference <i>Apostolos Charalambous and Eliana Stavrou</i></p> <p>Understanding users' mental models of Federated Identity Management (FIM): use of a new tangible elicitation method <i>Helen Petrie Gayathri Sreekumar and Siamak Shahandashti</i></p>
11.15-11.45	Coffee Break

11:45-13.00	<p>Session 2 (Chair: <i>Christine Große, Lulea University of Technology, Sweden</i>)</p> <p>Linux Kernel Keyloggers and Information Security <i>Louis Hassett and Daniel Ogowk</i></p> <p>The Perceived Barriers to the Adoption of Blockchain in Addressing Cybersecurity Concerns in the Financial Services Industry <i>Jack Scott-King and Zainab Ruhwanya</i></p> <p>An Interdisciplinary Thematic Analysis of the US National Guard Bureau Response to the SolarWinds Attack <i>Tristen Amador, Roberta Mancuso, Steven Fulton, Erik Moore and Dan Likarish</i></p>
13.00-14.00	Lunch Break
14.00-15.15	<p>Session 3 (Chair: <i>Jacques Ophoff, Abertay University, UK</i>)</p> <p>Research Agenda for Speaker Authentication <i>Ebenhaeser Janse van Rensburg, Reinhardt A Botha and Bertram Haskins</i></p> <p>Privacy Policies on Websites: A Case Study in the Financial Industry in South Africa <i>Alisa Dayanand and Adéle da Veiga</i></p> <p>Analysing Websites Privacy Policies: A Study of E-commerce Websites in South Africa <i>Dzunani Makhuvlele and Adéle da Veiga</i></p>
15.15-15.45	Coffee
15.45-17.25	<p>Session 4 (Chair: <i>Joakim Kävrestad, Jönköping University, Sweden</i>)</p> <p>Investigating the Factors Influencing Individuals' Self-Sovereign Identity Adoption Intentions <i>James Clark and Zainab Ruhwanya</i></p> <p>"There is a Damn Hello on the Social Media!" Insights into Public Risk Communication in the Digital Age <i>Christine Große</i></p> <p>Phish and Tips: Phishing Awareness and Education for Older Adults <i>Stella Kazamia, Chris Culnane, Daniel Gardham, Suzanne Prior, and Helen Treharne</i></p> <p>Literature Review: Misconceptions about Phishing <i>Mattia Mossano and Melanie Volkamer</i></p>
17.25	Day Close

18.15 - Conference Dinner

We will take a bus tour from Skövde to Wrågård in the countryside. We will first enjoy a Moose and Bison tour before we sit down for a conference dinner. The bus will depart from outside Scandic Billingen at 18:30 and we aim to be back around 23:00.

Thursday 11th July
Conference Day 3

Zoom Link

<https://plymouth.zoom.us/j/94069739977?pwd=9H7HJHylQcSuqwoJG7Jg3qvhG8sLt.1>



9.10-11.15	<p>Session 1 (<i>Chair: Lynn Fitcher, Nelson Mandela University, South Africa</i>)</p> <p>A Unified Privacy and Permission Management Framework <i>Nourah Alshomrani, Steven Furnell and Helena Webb</i></p> <p>“Probably put some sort of fear in”: Investigating the role of Heuristics in Cyber Awareness Messaging for Small to Medium Sized Enterprises <i>Dominic Button, Jacques Ophoff, Alastair Irons and Sharon McDonald</i></p> <p>A Profile-Based Cyber Security Readiness Assessment Framework at Country Level <i>Raymond Agyemang, Steven Furnell and Tim Muller</i></p> <p>Discerning Challenges of Security Information and Event Management (SIEM) Systems in Large Organizations <i>Patrick Shirazi and Ali Padyab</i></p> <p>Assessing the Cybersecurity Needs and Experiences of Disabled Users <i>Arwa Binsedeeq, Steven Furnell, Kirsi Helkala, Naomi Woods, Darren Chadwick, Chris Fullwood, Xavier Carpent and Nicolas Gervassis</i></p>
11.15-11.45	<p>Coffee Break</p>
11.45-13.00	<p>Session 2 (<i>Chair: Magdalena Glas, University of Regensburg, Germany</i>)</p> <p>Defining Measures of Effect for Disinformation Attacks <i>Carlo Kopp</i></p> <p>A Systematic Task and Knowledge-Based Process to Tune Cybersecurity Training to User Learning Groups: Application to Email Phishing Attacks <i>Nathan Monsoro, Célia Martinie, Philippe Palanque and Théo Saubanère</i></p> <p>Gamification in Cybersecurity Training: High-level Properties of Cybersecurity Games <i>Victoria Marciano, Jaco du Toit, and Rhulani Maluleka</i></p>
13.00-14.00	<p>Lunch</p>

14.00-16.05	<p>Session 3 (<i>Chair: Adéle da Veiga, University of South Africa, South Africa</i>)</p> <p>Information Security and Privacy Challenges Related to Personal eHealth Services - A Literature Review <i>Emelie Manneböck and Rose-Mharie Åhlfeldt</i></p> <p>Information Security Management in Digitized Identity Systems The Case of the Ghanaian National Identification Authority (NIA) <i>Salim Awudu¹ and Sotirios Terzis</i></p> <p>Multi-factor authentication adoption: A comparison between digital natives and digital immigrants in Sweden <i>Joakim Kävrestad, Richard Fernow, David Lööf and Marcus Birath</i></p> <p>A Diary Study to Understand Young Saudi Adult Users' Experiences of Online Security Threats <i>Najla Aldaraani, Helen Petrie and Siamak Shahandasht</i></p> <p>To risk analyse, or not to risk analyse: That's the question <i>Erik Bergström, Simon Andersson and Martin Lundgren</i></p>
16.05-16.20	Closing Remarks and HAISA 2025
16.20	End of event

Thank you for attending