



## HAISA 2026

**20<sup>th</sup> IFIP International Symposium on  
Human Aspects of Information Security & Assurance**

## Conference Programme

Please Note: All timings are local Swedish Time

## Monday 6<sup>th</sup> July Conference Day 1

Zoom Link

<https://oru-se.zoom.us/j/3631047616>



9.00-9.15	<b>Conference Welcome</b> – <i>Prof. Steven Furnell (University of Nottingham)</i>
9.15-10:00	<b>Keynote:</b> From Reconnaissance to Regret: Mapping the Human Layer Kill Chain <i>Prof. Vasilis Katos (Bournemouth University, UK)</i>
10.00-10.50	<b>Session 1</b> ( <i>Chair: Nathan Clarke, University of Plymouth</i> )  PhishTrace: A Serious Game for Phishing Awareness and Behavioural Analysis <i>Rúben Rodrigues, Eva Maia and Isabel Praça</i>  Profiling User Vulnerability to Phishing Through Psychological and Behavioral Factors <i>Valeria Formisano, Danilo Gentile, Gennaro Esposito Mocerino, Michela Ponticorvo, Luigi Gallo, Alessio Botta and Davide Marocco</i>
10.50-11.10	<b>Coffee Break</b>
11.10-12.30	<b>Session 2</b> ( <i>Chair: Johan van Niekerk, Noroff University College</i> )  Developing a method for uncovering persistence in a Windows Server environment <i>Sindre Kristoffersen Olsen and Joakim Kävrestad</i>  Deal or No Deal? Endowment Effect and Nudges in Cyber Threat Intelligence Exchange <i>Mathis Müller, Tobias Reittinger and Günther Pernul</i>  Keyword Loss of Specificity for Information Security Policies: A Comparison between Human-made and LLM-made Classifications <i>Muhammad Hanif, Fredrik Karlsson and Shang Gao</i>
12.30-13.45	<b>Lunch</b>

13.45-15.30	<p><b>Session 3</b> (Chair: Helen Petrie, University of York)</p> <p>Can Large Language Models Support Cyber Security Education in UK Secondary Schools? An Experimental Study <i>Lewis Milburn, Nathan Clarke and Vivian Hocking</i></p> <p>A Conceptual Framework for Assessing the Effectiveness of SETA Programmes <i>Phathutshedzo Mudau, Noluntu Mpekoa, Noluxolo Gcaza and Daniel Du Plessis</i></p> <p>The Cybersecurity Engagement Matrix: From Individual-Pedagogical to Exploratory-Collective Awareness Methods <i>Mette Skov and Laura Kocksch</i></p> <p>Organizational Readiness for Personalized Security Awareness: Insights from Practitioners <i>Daria Levaniuk, Emmanuel Anti, Bilal Naqvi and Antti Knutas</i></p>
15.30-15.50	<p><b>Coffee Break</b></p>
15.50-17.30	<p><b>Session 4</b> (Chair: Joakim Kävrestad, Jönköping University)</p> <p>Digital Identity for All Ages: Usability and Accessibility Barriers in European eID Means <i>Niek Jan van den Hout, Hanna Schraffenberger and Peter Roelofsma</i></p> <p>A Human-Centered Assessment of Cybersecurity Policy and Training in Norwegian Municipalities Trygve Andreas Vikeså, Johan van Niekerk and Petrus Marthinus Jacobus Delpont</p> <p>AI-Based CV Evaluation in Early-Career Cybersecurity Recruitment: Comparing Rule-Based and Context-Aware Approaches Argyris Konstantinou, Christos Kallonas, Stavros Stavrou and Eliana Stavrou</p> <p>Making EU Cybersecurity Regulation Actionable: A Method for Extracting Information Security Requirements <i>Ella Kolkowska and Pontus Grahn</i></p>
17.30	<p><b>Day Close</b></p>

**Tuesday 7<sup>th</sup> July**  
**Conference Day 2**

Zoom Link

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9.00-9.15	<b>IFIP WG11.12 Update – Prof. Adele Da Veiga (WG11.12 Chair)</b>
9.15-10.30	<p><b>Session 1</b> (Chair: Vasilis Katos, Bournemouth University)</p> <p>Understanding Cyber Security Culture through Subject Matter Expert Interviews <i>Agata McCormac, Marcus Butavicius, Malcolm Pattinson, Andrew Reeves and Denvar Summers</i></p> <p>User Perception of Password Habits: Security, Memorability and Usability Aspects <i>Louise Florestedt, Malin Andersson and Christine Große</i></p> <p>Clear Words or Cute Icons? The Role of Visual Communication in Understandability and Memorability of Information Security Policies <i>Elham Rostami, Marcus Gerdin and Panagiota Chatzipetrou</i></p>
10.30-10.50	<b>Coffee Break</b>
10:50-12.30	<p><b>Session 2</b> (Chair: Magdalena Glas, University of Regensburg)</p> <p>Organizational cybersecurity awareness: A systematic literature review <i>Bassima Basma Ghassan, Filip Touš, Joakim Kävrestad and Erik Bergström</i></p> <p>Perceptions of Cybersecurity Literacy Needs in Non-Computing Disciplines <i>Maryam Almutairi, Steven Furnell and Helena Webb</i></p> <p>Born to Be Wired: Age-related Differences in Cybersecurity Awareness Information Preferences <i>Mira Pop, Joakim Kävrestad and Maria Riveiro</i></p> <p>A comparative study of British users' perception, use, and concerns about a range of authentication systems <i>Ibtihal Alotaibi, Helen Petrie and Siamak Shahandashti</i></p>
12.30-13.45	<b>Lunch Break</b>
13.45-14.55	<p><b>Session 3</b> (Chair: Steven Furnell, University of Nottingham)</p> <p><i>A chance to share your ideas and views in World Café style discussion groups.</i></p>
14.55-15.15	<b>Coffee</b>

15.15-16.30	<p><b>Session 4</b> (<i>Chair: Fredrik Karlsson, Örebro University</i>)</p> <p>Cyber Vulnerabilities and Resilience Capabilities in Danish Defence Sector SME Supply Chains  <i>Judith Kankam-Boateng, Peter Mayer, Marco Peressotti, Vincent Charles Keating, Jan Stentoft, Ole Stegmann Mikkelsen, Kent Adsbøll Wickstrøm, Louise Alison Tumchewics, Amelie Theussen and Olivier Schmitt</i></p> <p>Security Vulnerabilities and Trust in AI-Assisted Software Development  <i>Khayaletu Mthethwa and Ayanda Pekane</i></p> <p>Do passkeys get a pass?  <i>Reinhardt Botha and Jacques Ophoff</i></p>
16.30	<b>Day Close</b>

<b>18.00 - Social Event and Dinner</b>	
18.00	Ghost tour at Örebro castle (Kansligatan 1, 703 61 Örebro). The guided tour starts inside the castle's courtyard.
19.30	Conference dinner at restaurant Chicce (Stortorget 7, 702 11 Örebro)

**Wednesday 8<sup>th</sup> July**  
**Conference Day 3**

Zoom Link

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9.15-10:00

**Keynote:** From Surveillance to Survival: Digital Security Practices in Civic Resistance

**Abstract:** This keynote examines civic resistance in Myanmar focusing on how activists operate under conditions of pervasive digital surveillance and control. Drawing on 24 interviews with Myanmar activists, the study adopts a socio-technical perspective to analyse how individuals and organisations secure communication, manage risk, and sustain operations in hostile digital environments. Findings show that digital infrastructures simultaneously enable coordination, visibility, and documentation, while exposing activists to interception, tracking, and targeted repression. In response, activists develop adaptive security literacies, including encrypted communication, operational security protocols, identity obfuscation, and fallback to low-tech or offline systems. These practices reflect a continuous process of threat modelling and risk mitigation under rapidly evolving constraints. The study highlights the dual-use nature of digital technologies and argues that long-term, context-specific security literacy is critical for resilience. It calls for a broader understanding of information security beyond technical controls, emphasising human practices in adversarial settings.

**Bio:** Karin Hedström is Professor of Informatics at Örebro University and a scholar in information systems and information security. Her work explores how digital technologies reshape governance, organisations, and society, with a focus on the human, organisational, and value-driven dimensions of security. Her research has advanced socio-technical perspectives on information security, highlighting how security is enacted in practice through user behaviour, organisational culture, and competing values—not just technical controls. In recent years, she has extended this work into digitally mediated conflict settings, examining how activists develop adaptive security practices and literacies under surveillance and repression. In her keynote, Karin brings a human-centred lens to information security, showing what high-risk environments can teach us about resilience, trust, and operating under constant threat in an increasingly contested digital world.

10.00-10.50

**Session 1** (*Chair: Eliana Stavrou, Open University of Cyprus*)

Psychological Persuasion Techniques in Voice Fraud: An Empirical Analysis of Real-World Vishing Attacks

*Leonardo Erlacher and Gabi Dreo Rodosek*

Do Simulated Phishing Campaigns Actually Improve Organizational Resilience? A Critical Review of Mixed Evidence

*Robin Siepmann, Günther Pernul and Magdalena Glas*

10.50-11.10	<b>Coffee Break</b>
11.10-12.30	<p><b>Session 2</b> (<i>Chair: Jacques Ophoff, Abertay University</i>)</p> <p>What CISOs Emphasize in Information Security Policies: A Large Language Model-Based Speech Act Analysis <i>Leila Aro-Sati</i></p> <p>A Security Advice Conflict Taxonomy (SACT) for Evaluating the Coherence of Password and MFA Guidance <i>Richard Dosumu</i></p> <p>Towards Automatic Identification of Task-Based Cyber Risk <i>Corey Bolger, Raghavendra Cherupalli, Samantha Phillips, Bradley Brummel, Sal Aurigemma and Tyler Moore</i></p>
12.30-13.45	<b>Lunch</b>
13.45-15.30	<p><b>Session 3</b> (<i>Chair: Karin Hedström, Örebro University</i>)</p> <p>Governing Organisational Security Culture: A Conceptual Model for Board and Management Alignment <i>Tiril Celine Buck, Ruan Koen, Petrus Marthinus Jacobus Delpont and Johan van Niekerk</i></p> <p>'Our' Money Well Spent? Measuring the Effectiveness of Indirect Public Investments in Digital Resilience <i>Kimberly Bluhm, Sander Ebbers, Maike Berkenpas and Jurjen Jansen</i></p> <p>Negotiating Ethics and Autonomy: Healthcare Professionals' Perspectives on Patient Consent in AI-supported Care <i>Akhona Cikizwa Khumalo and Ala Sarah Alaqra</i></p> <p>The Evolving Work of Cybersecurity Professionals in Digital Transformation Environments: Roles, Responsibilities, and Workplace Challenges <i>Michael de Jager, Lynn Futcher and Lynette Drevin</i></p>
15.30-15.50	<b>Coffee Break</b>
15.50-17.30	<p><b>Session 4</b> (<i>Chair: Elham Rostami, Uppsala University</i>)</p> <p>Elephant and his shoe: A Serious Game Approach to Screen Time and Digital Well-Being in Children <i>Given Mnisi, Gunther Drevin and Lynette Drevin</i></p> <p>Understanding Privacy Awareness and Perceptions through OSINT Techniques for Uncovering Personal Information <i>Kristian Berlin Jensen, Oksana Kulyk and Elda Paja</i></p> <p>Exploring Shadow IT Attitudes: Towards a Preliminary Survey Scale <i>Jan-Philip van Acken, Alexander Bancken, Slinger Jansen and Katsiaryna Labunets</i></p> <p>Behind the Screen: A Systematic Literature Review of Online Disinhibition and User Behaviour <i>Damian Fredericks, Lynn Futcher and Kerry-Lynn Thomson</i></p>
17.30-17.40	<b>Closing Remarks and HAISA 2027</b>
17.40	<b>Event Close</b>

**Thank you for attending**