

**Ninth International Symposium on the Human Aspects of Information Security & Assurance
(HAISA 2015)**

Conference Programme

DAY 1: Wednesday 1st July

9.15-9:30	Conference Welcome
9:30-10:30	Keynote Talk Calum Macleod -Behaviosec Internet Security – In Technology I Trust The daily diet of security breaches raises many questions? Are the bad guys that smart or do we need smarter good guys? Has technology reached the point where no one understands what is actually happening? How do we know who and what we can trust, and is our faith in technology misplaced? Can the industry self-regulate or who decides what's safe? The Internet is no longer safe for users and as the market races to bring biometrics to the masses, are we offering a cure or a placebo.
10:30-11:00	Coffee
11:00-12:30	Session 1 (<i>Chair: Malcolm Pattinson</i>) An Ontology for a National Cyber-Security Culture Environment <i>N. Gcaza, R. von Solms and J. van Vuuren</i> An Information Security Culture Model Validated with Structural Equation Modelling <i>N. Martins and A. Da Veiga</i> Enlighten Information Morals through Corporate Culture <i>A. Alumubark, N. Hatanaka, O. Uchida and Y. Ikeda</i>

12:30-14:00	Lunch
14:00-15:30	<p>Session 2 (<i>Chair: Rossouw von Solms</i>)</p> <p>The Influence of Information Security Policies on Information Security Culture: Illustrated through a Case Study <i>A. Da Veiga</i></p> <p>A Cyber Security Culture Fostering Campaign through the Lens of Active Audience Theory <i>R. Reid and J. van Niekerk</i></p> <p>Examining Attitudes toward Information Security Behaviour using Mixed Methods <i>M. Pattinson, M. Butavicius, K. Parsons, A. McCormac and C. Jerram</i></p>
15:30-16:00	Coffee
16:00-17:30	<p>Session 3 (<i>Chair: Adele Da Veiga</i>)</p> <p>Inter-Organisational Information Sharing – Between a Rock and a Hard Place <i>F. Karlsson, E. Kolkowska, K. Hedström, and M. Frostenson</i></p> <p>Exploring the Link Between Behavioural Information Security Governance and Employee Information Security Awareness <i>W. Flores and M. Ekstedt</i></p> <p>Effect of Motivation and Physical Fitness on Cyber Tasks <i>K. Helkala, S. Knox and M. Lund</i></p>
18:00	Welcome Drinks Reception

DAY 2: Thursday 2nd July

9:00-10:30	<p>Session 4 (<i>Chair: Nathan Clarke</i>) An Information Security Training and Awareness Approach (ISTAAP) to Instil an Information Security-Positive Culture <i>A. Da Veiga</i></p> <p>Studying Safe Online Banking Behaviour: A Protection Motivation Theory Approach <i>J. Jansen</i></p> <p>New Insights Into Understanding Manager's Intentions to Overlook ISP Violation in Organizations through Escalation of Commitment Factors <i>M. Kajtazi, E. Kolkowska and B. Bulgurcu</i></p>
10:30-11:00	Coffee
11:00-12:30	<p>Session 5 (<i>Chair: Stephen Flowerday</i>) Arguments For Anonymity <i>H. Webb, N. Savage and P. Millard</i></p> <p>Understanding Security Practices Deficiencies: A Contextual Analysis <i>M. Sadok and P. Bednar</i></p> <p>Managing Social Engineering Attacks- Considering Human Factors and Security Investment <i>R. Alavi, S. Islam, H. Mouratidis and S. Lee</i></p>
12:30-14:00	Lunch

14:00-15:00	<p>HAISA Panel (<i>Chair: Steve Furnell</i>)</p> <p>User awareness – Why waste our breath?</p> <p>Users are often referred to as the weakest link, and despite years of talking about security education and awareness, we seem no closer to achieving it on a wide scale. Left to their handle it for themselves users do not appreciate the threats, take wrong decisions at every turn, and readily place themselves into situations that heighten their risk. Some claim to be concerned about security, but seem content to pay lip service, without showing the slightest inclination to apply it in practice.</p> <p>Are people fundamentally incompatible with good security? Are the barriers to entry too high, and is there simply too much to know for the average user to take properly informed security decisions? Is it ultimately better for service providers and CISOs to take the decisions for them?</p>
15:00-15:30	Coffee
15:30-17:30	<p>Session 6 (<i>Chair: Shamal Faily</i>)</p> <p>Mismorphism: a Semiotic Model of Computer Security Circumvention <i>S. Smith, R. Koppel, J. Blythe and V. Kothari</i></p> <p>Perceived Information Security Risk as a Function of Probability and Severity <i>T.Sommestad, H.Karlzén, P.Nilsson and J.Hallberg</i></p> <p>Understanding User Knowledge of Computer Security and Risk: A Comparative Study <i>C. Thurlby, C. Langensiepen, J. Haggerty and R. Ranson</i></p> <p>Online Fraud Defence by Context Based Micro Training <i>J. Kävrestad and M. Nohlberg</i></p>
20:00	Conference Dinner

DAY 3: Friday 3th July

9:00-10:30	<p>Session 7 (<i>Chair: Peter Bednar</i>) Cyber Threat Incident Handling Procedure for South African Schools <i>N. Sonhera, E. Kritzinger and M. Looock</i></p> <p>Ethical Dilemmas and Dimensions in Penetration Testing <i>S. Faily, J. McAlaney and C. Iacob</i></p> <p>The Relationship Between Privacy, Information Security and the Trustworthiness of a Crowdsourcing System in a Smart City <i>L. Cilliers and S. Flowerday</i></p>
10:30-11:00	Coffee
11:00-12:30	<p>Session 8 (<i>Chair: Hazel Webb</i>) Tracking Risky Behavior On The Web: Distinguishing Between What Users 'Say' And 'Do' <i>T. Kelley and B. I. Bertenthal</i></p> <p>Human factors related to the performance of intrusion detection operators <i>P. Lif and T. Sommestad</i></p> <p>Digital Rights Management: The Four Perspectives of Developers, Distributors, Users, and Lawyers <i>N. McDonald, S. Faily, M. Favale and C. Gatzidis</i></p>
12:30-12:40	Conference Closing Remarks
12:40-14:00	Lunch

Thank you for attending