

ISSA 2025 Programme

Please note: ISSA 2025 ran as part of the CHPC conference programme

DATES	VENUE	TRACK
1-2 December 2025	Room 10	ISSA / Cybersecurity

Monday 01 December 2025

11:00-12:50 | ISSA: Cybersecurity

Room 10 | Convener: Jan Eloff

Time	ID	Presentation	Presenter(s)
11:00	[543]	CerebRAN: A Dynamic Behavioural Dataset for Ransomware Detection	Emmanuel Musiwa; Moses Moyo; Stones Chindipha
11:30	[463]	A Trust Framework for Peer-to-Peer Energy Markets	Boitumelo Leotlela; Lehlogonolo Ledwaba; Marijke Coetzee
12:00	[464]	Personal Information Disclosure on Facebook: An Exploratory Study of Demographic Differences of First-Year IT Students at Nelson Mandela University	Asavela Ndzondzo; Kerry-Lynn Thomson; Reinhardt Botha
12:30	[545]	Engaging with International Cyber Forums	Brett van Niekerk; Trishana Ramluckan

13:30-15:10 | ISSA: Cybersecurity

Room 10 | Convener: Reinhardt Botha

Time	ID	Presentation	Presenter(s)
13:30	[465]	Assessing Students' Knowledge of Cybersecurity at a Public South African University	Bertram Haskins; Errol Baloyi; Kerry-Lynn Thomson
14:00	[466]	Aligning Cybersecurity Education with Industry Needs: Bridging South Africa's Skills Development	Hennie Kruger; Lynette Drevin; Marijke Coetzee; Michael de Jager
14:30	[467]	A Holistic Cyber Security Readiness Assessment Tool for Organisations in Developing Countries	Raymond Agyemang; Steven Furnell; Tim Muller

Tuesday 02 December 2025

11:00-12:30 | ISSA

Room 10 | Convener: Brett van Niekerk

Time	ID	Presentation	Presenter(s)
11:00	[472]	Ethical Boundaries of Plagiarism Detection in the Age of AI	Bobby Tait; Rowen Robinson
11:30	[473]	Ethical Principles and Social Implications of Generative AI	Clarissa Weyer; Hennie Kruger; Marijke Coetzee
12:00	[474]	A Conceptual Model of Factors to Improve Cybercrime Investigation	Aluta Vusisiziwe Dyasi; Bertram Haskins; Reinhardt Botha

13:30-15:00 | ISSA

Room 10 | Convener: Marijke Coetzee

Time	ID	Presentation	Presenter(s)
13:30	[477]	Unpacking the Effects of Cyber Fraud on Financial Aid Students in South Africa	Gershon Hutchinson; Salah Kabanda
14:00	[478]	Optimising Synthetic Data Generation for Cybersecurity Datasets	Christian K. Devraj; Jan Eloff
14:30	[544]	The Effect of Cybersecurity Fatigue on Employees' Compliance with Cybersecurity Measures	Luyanda Mtombeni; Teofelus Tuyeni; Wallace Chigona

15:30-17:00 | ISSA

Room 10 | Convener: Lynette Drevin

Time	ID	Presentation	Presenter(s)
15:30	[480]	A Qualitative Review of Zero-Knowledge Proofs and Biometrics in Decentralized Identity Systems	Kedimotse Baruni; Sthembile Ntshangase
16:00	[481]	Adaptive-Delta ADWIN for Real-Time Intrusion Detection in Evolving Network Streams	Rodney Buang Sebopelo
16:30	[482]	Correlating Memory, Persistent, and Runtime Evidence in Redis	Mary O. Adedayo; Muhammad Abdul Moiz Zia