

Centre for High Performance Computing 2025 National Conference

Monday 01 December 2025

ISSA: Cybersecurity 1 - BICC.G-W - Wood Rooms (11:15-12:55)

-Conveners: Chair: Jan Eloff

time	[id] title	presenter
11:15	[146] Digital Forensic Investigation and Linguistic Analysis of Cyber-crimes: A Systematic Review	KEKGATHETSE, Mopati Bernerdict
11:35	[147] Privacy and Legal Implications Regarding the Processing of Honeypot Data	NGOMA, Bahle
11:55	[150] Conceptual Model for taxation and regulatory governance among South African crypto asset holders	RAMAZHAMBAMBA, Pardon
12:15	[151] Countering mobile application threats with a structured threat modelling approach	JACOBS, Christoff
12:35	[152] Social Network Graphs in Email Forensics: Analysis of a Personal Email Dataset	DOMINGUES, Riaal

ISSA: Cybersecurity 2 - BICC.G-W - Wood Rooms (13:30-15:00)

-Conveners: Chair: Kerry-Lynn Thomson

time	[id] title	presenter
13:30	[153] Guidance for the Creation of Management and Cost Accounting Computerized Information Systems: Assurance of Information Integrity and Flexibility	WESTRAADT, Emile
13:50	[154] Using artificial intelligence techniques to standardize intelligent and automated generation of digital forensic reports.	MULAUDZI, Idani
14:10	[155] A Decentralized E-voting System Using Blockchain	RAMOTSOELA, Daniel
14:30	[156] Changes in Observed Internet Background Radiation Traffic in the 155/8 netblock	IRWIN, Barry
14:50	[225] Q&A	

Tuesday 02 December 2025

ISSA: 3 - BICC.G-W - Wood Rooms (11:00-12:30)

-Conveners: Chair: Barry Irwin

time	[id] title	presenter
11:00	[157] A chatbot LLM based access control mechanism	STILL, Christian
11:20	[160] Enhancing Forensic Readiness through an Integrated Approach to Fraud Risk Management throughout the Digital Transformation Lifecycle	POOE, Antonio
11:40	[159] Solving the Privacy and Security Challenge using ZKP: Its Positive Impact on the Economy	Mrs MYAKA, Siphelele
12:00	[158] Biometric authentication: Stress as a factor in keystroke dynamics	MAC DONALD, Monique
12:20	[229] Q&A	

ISSA: 4 - BICC.G-W - Wood Rooms (13:30-15:00)

-Conveners: Mariana Gerber

time	[id] title	presenter
13:30	[161] Smoke Signals: Analysing and Decoding Quiet Quitting and Burnout Among Cybersecurity Professionals	DE JAGER, Michael
13:50	[162] Profiling Prominent Ransomware Threat Actors	PELSER, Hendrik Tjaart
14:10	[163] Contextual Factors Influencing the Cybersecurity Commitment of Government Institutions in Developing Countries	TUYENI, Teofelus
14:30	[164] Trust Requirements and Mechanisms in Peer-to-Peer Energy Markets	LEOTLELA, Boitumelo
14:50	[227] Q&A	

ISSA: 5 - BICC.G-W - Wood Rooms (15:30-17:00)

-Conveners: Chair: Reinhardt Botha

time	[id] title	presenter
15:30	[165] A Rapid Review Cybersecurity Strategic Analysis Framework: The Case of Higher Education Institutions	NAIDOO, Rennie
15:50	[166] Factors influencing Sensitive Data Protection practices in South African public schools	NTLALE, Siyavuya
16:10	[167] Exploring the Cybersecurity-Resilience Gap: An Analysis of Student Attitudes and Behaviors in Higher Education	SNYMAN, Dirk
16:30	[168] Lacking Balance? Assessing the Content and Coverage of Cyber Security Degrees	FURNELL, Steven
16:50	[230] Q&A	