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Understanding Risk in Shared CyberInfrastructure Systems Seminar

Sunday, 2 December 2018 09:00 (1h 30m)

CHPC Cyber Security Symposium (CCSS) – 1 full day
Topic: Understanding Risk in Shared CyberEcosystems workshop
As Technology continues to evolve so are the opportunities and challenges it provides. As a Society that relies largely on technology to bring us benefits, it also exposes its users to threats by the very nature of the opportunities it presents, thus becoming a focal point for Cybercrime, industrial espionage, and Cyberattacks. Protecting against these threats is of paramount priority.
Cyber Security domain is inherently dynamic, not only does system configuration changes frequently with new releases and patches, but also new attacks and vulnerabilities are regularly discovered. The core threat in Cyber Security is human, hence intelligent in nature. The attacker adapts to the situation, target environment, and countermeasures.
Attacks actions are driven by attacker's exploratory nature, thought process, motivation, strategy, and preferences.
The goal of this workshop is to address some of the challenges faced by Network and Security Administrators in their institutions.
The workshop will address challenges such as:
• Iot Threats
• Blockchain Revolution
• Ransomware Evolution
• Future of Cybersecurity
• New hacking Methodologies
• Phishing
• Distributed Denial of Service (DDoS)
• Malware
• Internal Privilege Misuse
• Threats actors
• How to protect your environment

The following are our invited speakers:
• Prof Elmarie Bierman: Directory of SA Cyber Security Institute
• Dr Noelle Cowling : Stellenbosch University
• Dr Jabu Mtswene : CSIR
• Dr Noluxolo Gcaza: CSIR
• Mr Justine Westcott
• Mr Sikhumbuzo Mthombeni: Demension Data
• Mr Keti Cedric : Demension Data
• Mr Richard Hlalele: University of Johannesburg, Senior Manager ICT Strategy and Governance
The following are workshop Coordinators:
Mr Bigani Sehurutshi: University of Botswana
Mrs Lee-Anne Benjamin: Manager ,Corporate IT Compliance NRF

Presenter Biography

Primary author: NDALA, Meshack (CHPC)

Presenter: NDALA, Meshack (CHPC)

Session Classification: Understanding Risk In Shared CyberEcosystems Seminar

Track Classification: Workshops