CALL FOR PAPERS

IFIP-UNIVEN-CSIR International Conference in Cybersecurity
11 – 12 December 2025
CSIR ICC, Pretoria, South Africa

As cyber threats grow in complexity and scale, cybersecurity has become a critical component of cyber resilience. No individual, organisation, or nation is entirely immune to attacks. The University of Venda (UNIVEN) and the Council for Scientific and Industrial Research (CSIR) are jointly organizing this conference under the auspices of the International Federation for Information Processing (IFIP).

The conference aims to address the main cybersecurity challenges, including human factors, AI-driven cyberattacks, ransomware, and nation-state threats. It will also explore advanced defence mechanisms such as quantum security, blockchain, and zero-trust models to secure critical infrastructure, enhance cyber resilience, and leverage AI and machine learning for threat detection and automation.

Practitioners, researchers, policymakers, and professionals from academia, industry, and government are invited to submit papers and/or propose panel discussions shaping the future of cybersecurity. All presentations and panel discussions will be in **English**.

The theme for the IFIP-UNIVEN-CSIR International Conference in Cybersecurity is: "*Advancing innovative cybersecurity solutions and approaches to protect digital ecosystems*."

We invite submissions on a broad range of subthemes, including but not limited to:

- Emerging Cyber Threats and Trends
- Critical Infrastructure Security
- Cyber Resilience and Risk Management
- AI and Machine Learning in Cybersecurity
- Cybersecurity Policy and Compliance
- Human Factors and Social Engineering
- Cybersecurity in Peace and War
- Cyber Warfare
- Future of Cyber Defence

Conference Format

The two-day conference will be held in a hybrid format, allowing both **in-person** and virtual participation. The program will include paper presentations, panel discussions, keynote addresses, and interactive sessions to foster knowledge exchange and networking.

Submission, Acceptance and Publication Processes

- Submissions must be **original**, **not under review** elsewhere, and have **not been published** previously.
- Papers must be written in **English** and range from **12 to 14 pages**, including references and appendices.
- The camera-ready papers must follow the format and guidelines outlined in the author template, available on the conference portal: https://ifip-univen-icc.csir.co.za/papers/
- Submissions must be made via EasyChair and will undergo a **double-blinded peer-review** process.
- Acceptance will be based on originality, contribution to the field, and alignment with the conference theme.
- Accepted papers will be **published by Springer**.
- Delegates will receive an electronic set of proceedings.
- **At least one author of each accepted paper must register.**

Important Dates

- Full Paper Submission Deadline: **15 August 2025**
- Notification of Paper Acceptance: **30 August 2025**
- Author Registration Deadline: **23 September 2025**
- Camera-Ready Paper Submission: **30 September 2025**

For more information, visit the conference website: https://ifip-univen-icc.csir.co.za/

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Reinhardt	Botha	South Africa	Noroff College (works remotely)
Pieter	Delport	Norway	Noroff College