

# ICCWS 2021

## 16th International Conference on Cyber Warfare and Security

25-26 February 2021, Tennessee, USA

### Mini Track on Future of Cyber Warfare

Mini Track Chair: **Dr Noluxolo Gcaza**, Council for Scientific and Industrial Research (CSIR), South Africa



Many nations embrace cyber warfare as the new dimension of conflict. As such, cyber warfare, defined as actions by a nation-state to penetrate another nation's computers or networks to cause damage or disruption, is becoming a new norm. At the core of cyber warfare is a nations' use of digital technologies as weaponry to carry out sophisticated cyber attacks for the sole purpose of causing destruction in another nation. These digital technologies are forever advancing, therefore, one can assume that the landscape of cyber warfare will undergo its fair share of changes. Which brings us to the question: **What does the future hold for cyber warfare?** Researchers are encouraged to share their insights of on the capabilities that will define cyber ware in the years to come. This can be done by considering the techniques, tactics and tools that may be employed as industrialization takes its cause. This future focused research is critical for nations to prepare for prospective combats.

Topics of interest include, but are not limited to:

- Future prospects of cyber warfare
- Cyber warfare capability
- Readiness of a nation
- Warfare doctrine
- Techniques, tactics and tools
- Practical, legal and ethical



**Dr Noluxolo Gcaza** is passionate about making cybersecurity accessible to different contexts. Her research interests include cyber security governance, cybersecurity awareness and education. Currently she is a Research Group Leader at the Council for Scientific and Industrial Research (CSIR). She serves on the Advisory Board of the Center for Research in Information and CyberSecurity (CRICS) at Nelson Mandela University. Dr Gcaza also served as a Board Member in SaveTnet, a non-profit organization that focuses on fostering a culture of cyber security in a community setting through spreading cyber security awareness. She contributes in the SABS standardisation process as a committee member of the Information Security Technical Committee.

#### Submission Details

In the first instance a 300-350 word abstract is required, to be received by the **5th August 2020**. Please read the guidelines at <http://www.academic-conferences.org/policies/abstract-guidelines-for-papers/>

Submissions must be made using the online submission form at <http://www.academic-conferences.org/conferences/iccws/iccws-abstract-submission/>

If you have any questions about this track please email: [NGcaza@csir.co.za](mailto:NGcaza@csir.co.za)

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