

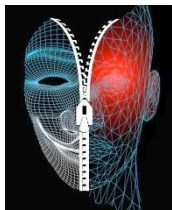
ICCWS 2020

15th International Conference on Cyber Warfare and Security

12 - 13 March 2020, Norfolk, VA, USA

Mini Track on Deception in Cybersecurity

Mini Track Chair: **Dr. Char Sample**, ICF Inc. Adelphi, MD, USA



Deception, defined as the act of hiding the truth, especially to get an advantage, has a long history in conflict. It has been an important tool on battlefields and has now also become an asset in the cyber arena. The cyber environment can be particularly vulnerable to deception due to the lack of sensory feedback from the physical environment. As such deception can occur in cybersecurity where operators and analysts are dependent upon the data received from artificial sensors.

Topics of interest include, but are not limited to:

- Adversarial machine learning techniques
- Machine learning Data poisoning and countering techniques
- Attaining security in Zero Trust architectures
- Methods to identify and counter deceptive data (including but not limited to Fake News)
- Methods in support of data resilience, or data verification



Dr. Char Sample is research fellow employed for ICF Inc. at the US Army Research Laboratory in Adelphi, Maryland. Dr. Sample is a visiting academic at the University of Warwick, Coventry, UK and a guest lecturer at Bournemouth University, Rensselaer Polytechnic University and Royal Holloway University. Dr. Sample has over 20 years' experience in the information security industry. Most recently Dr. Sample focused her research into Fake News, the role of cultural values in cyber security events, and the study of the relationship between human cognition and machines. Presently Dr. Sample is continuing research on modelling cyber behaviours by culture, other areas of research are information weaponization, deceptive data and data resilience.

Submission Details

In the first instance a 300-350 word abstract is required, to be received by the **23rd August 2019**. 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: Charsample50@gmail.com

See more about ICCWS 2020 at <http://www.academic-conferences.org/conferences/iccws>