

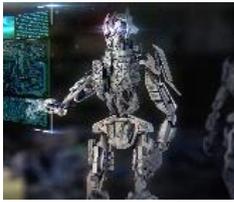
ICCWS 2021

16th International Conference on Cyber Warfare and Security

25-26 February 2021, Tennessee, USA

Mini Track on AI Influenced Cyber: A friend or a Foe? Both?

Mini Track Chair: **Dr. Akond Rahman & Dr. Maanak Gupta**, Department of Computer Science, Tennessee Tech University



This track is aimed to foster research at the intersection of AI and Cybersecurity. AI techniques are expected to enhance cybersecurity by assisting human system managers with automated monitoring, analysis, and responses to adversarial attacks. At the same time, it is essential to safeguard AI technologies from unintended uses and hostile exploitation by leveraging cybersecurity practices. This mini track aims to bring together the experts from the domains of AI and cybersecurity to develop synergy and exchange ideas for the benefits and limitations of the cross-disciplinary approach. We envision that such collaborative efforts could also foster a robust workforce with integrated AI and cybersecurity competencies, and develop an informed public that understands the privacy, confidentiality, ethics, safety, and security implications of AI.

Topics of interest include, but are not limited to:

- Adversarial Machine Learning
- AI and Cybersecurity in Cyber-Physical Systems
- Application of AI in Cyberwarfare
- Human Perspectives in AI and Cybersecurity
- Traditional Machine Learning and Deep Learning Techniques for Cybersecurity



Dr Akond Rahman is an assistant professor at Tennessee Tech University. His research interests include DevOps and Software Security. He graduated with a PhD from North Carolina State University. He won the Microsoft Open Source Challenge Award in 2016, the ACM SIGSOFT Doctoral Symposium Award at ICSE in 2018, the ACM SIGSOFT Distinguished Paper Award at ICSE in 2019, and the NC State CSC Distinguished Dissertation Award in 2020. He actively collaborates with industry practitioners from IBM, RedHat, and others. To know more about his work visit: <https://akondrahman.github.io/>



Dr Maanak Gupta is an assistant professor in computer science at Tennessee Tech University. He received his PhD from the University of Texas at San Antonio. His primary area of research includes security and privacy in cyber space. He works in machine learning and AI assisted cyber security solutions. He received the UTSA CS Outstanding Doctoral Dissertation Award in 2019. His website is: www.maanakgupta.com

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: arahman@tntech.edu; mgupta@tntech.edu

See more about ICCWS 2021 at <http://www.academic-conferences.org/conferences/iccws>