

ICCWS 2020

15th International Conference on Cyber Warfare and Security

12 - 13 March 2020, Norfolk, VA, USA

Mini Track on Economics of Cybersecurity and Risk

Mini Track Chair: **Dr. Unal Tatar**, University at Albany – SUNY, USA



Cyber risk has recently become one of the top global risks in terms of economic implications for businesses and the number one risk in Europe, East Asia and the Pacific and North America regions. Due to this governments and international organizations have been responding to cybersecurity risks by publishing standards, best practices and regulations.

Another emerging field of cybersecurity risk management is cyber insurance. Cyber insurance markets are emerging all over the world, including in the US. The global scale of cyber insurance is expected to double in under a decade – making it one of the most important growth areas in cyber risk management.

This session will discuss cybersecurity from an economics and risk management perspective. Topics of interest to this mini-track include, but are not limited to:

- Investment in information security
- Cyber-risk quantification and cyber-insurance
- Cost of cyber-attacks and cybercrime
- Cybersecurity policies, standards and regulations
- Incentives for information sharing and cooperation
- Economics of privacy and anonymity
- Behavioural models of security and privacy



Dr. Unal Tatar is currently an Assistant Professor of Cybersecurity at the College of Emergency Preparedness, Homeland Security, and Cybersecurity, University at Albany. He has a 15+ years of cybersecurity experience of cybersecurity in government, industry and academia. He is the former coordinator of the National Computer Emergency Response Team of Turkey. Dr. Tatar's research is funded by NSA, ONR and Society of Actuaries. Dr. Tatar holds a BSc degree in Computer

Engineering, an MS degree in Cryptography and Ph.D. in Engineering Management and Systems Engineering. His main topics of interest are information/cybersecurity risk management, cyber resiliency, cyber insurance, and blockchain.

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: utatar@albany.edu

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