



ICCWS 2018

13th International Conference on Cyber Warfare and Security, Washington, USA

8 - 9 March 2018

Mini Track on Cyber Policies and Cyber Resilience

Mini Track Co Chairs:

Prof Dan Shoemaker, Center for Cyber Security and Intelligence Studies, University of Detroit Mercy

Prof Barbara Endicott-Popovskiy, Center for Information Assurance and Cybersecurity University of Washington, Seattle, USA.



Cyber resilience is a new concept within the research domain of cybersecurity research. It works with conventional cybersecurity to produce a more resource efficient and secure cyber-defense. Cyber resilience is an end-to-end strategic process that is designed and implemented by policy. Because it only protects the essential assets and focuses on the efficient recovery of less high priority functions cyber-resilience is a resource efficient and effective approach to cyber defense operations. Typically this concept is applied to technical systems. Additionally, we are also encouraging discussion of resilience across business cybersecurity operations across the enterprise.

Topics may include, but are not limited to:

- Asset identification
- Risk analysis
- Prioritization
- Control design
- Control testing
- Business continuity/disaster recovery
- Resilience across cyber operations
- System Evolution.



Dan Shoemaker is Principal Investigator and Senior Research Scientist at UDM's Center for Cyber Security and Intelligence Studies. Dan is also a full Professor of Cybersecurity and was the former Department Chair at University of Detroit Mercy where he has worked for over 32 years. Dan is a prolific writer. He has authored seven books in the field and over two hundred articles. He also speaks internationally on cybersecurity topics. For four years, he was also the Chair of Workforce Training and Education for the Department of Homeland Security's Software Assurance Initiative.



Barbara Endicott-Popovskiy, Barbara Endicott-Popovskiy, Ph.D., is Executive Director of the Center for Information Assurance and Cybersecurity at the University of Washington, an NSA/DHS Center of Academic Excellence in Cyber Defense Education and Research, a Principal Research Scientist at UW Applied Physics Lab and a Department Fellow at Aberystwyth University, Wales following a 20-year career in industry.

Her research interests include enterprise-wide security and compliance, forensic-readiness, cybersecurity education and secure coding. She is a Fellow of the American Academy of Forensic Scientists. Barbara holds a Ph.D. in Computer Science/Computer Security, an MS in Information Systems Engineering, and an MBA

Submission details

In the first instance a 300 word abstract is required, to be received by **17th August 2017**. 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 the mini track chair: shoemadp@udmercy.edu
endicott@uw.edu

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