

ICCWS 2021

16th International Conference on Cyber Warfare and Security

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Mini Track on Cyber Warfare Strategies

Mini Track Chair: **Prof. Dr. Jim Chen**, U.S. National Defense University, USA



To gain cyber superiority, efficient and effective strategies are in great demand. The strategies should take into consideration the unique characteristics of cyberspace, emerging and disruptive technologies, the intellectual edge of the forces, public and private collaboration, and international cooperation. The persistent engagement strategy, which consists of the defense forward strategy, is a good example of this type of strategies. This mini-track provides a platform for academic scholars, military personnel, practitioners, and those who are interested in strategy design and development to share views in answering the following questions: How can cyber superiority be gained and maintained? How can strategies be designed and developed to help gain cyber superiority? How can organizational constructs be changed to support this effort? How can persistent cyber forces be nurtured? How can superior capability and capacity be created and utilized? How can strong, reliable, and resilient partnership be established? How can cutting-edge technologies be developed? How can defense forward be conducted below the threshold of armed conflict in cyberspace? The discussion of the answers to these questions or other relevant questions may shed light on a better understanding and successful design and development of effective and efficient strategies.

Topics of interest include, but are not limited to:

- Maintaining cyberspace superiority
- Nurturing persistent cyber forces
- Building superior capability and capacity
- Establishing strong, reliable, and resilient partnerships
- Developing cutting-edge technologies
- Conducting defense forward below the threshold of armed conflict



Dr. Jim Q. Chen, Ph.D. is Professor of Cyber Studies in the College of Information and Cyberspace (CIC) at the U.S. National Defense University (NDU). His expertise is in cyber warfare, cyber deterrence, cyber strategy, cybersecurity technology, artificial intelligence, and machine learning. Based on his research, he has authored and published numerous peer-reviewed papers, articles, and book chapters on these topics. Dr. Chen has also been teaching graduate courses on these topics. He is a recognized expert in cyber studies and artificial intelligence.

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: drchen878@gmail.com

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