



## Department of Maritime Transportation Management and Security

TEXAS SOUTHERN UNIVERSITY · 3100 CLEBURNE AVENUE · HOUSTON, TX 77004

*Maritime Transportation Management and Security in partnership with  
the DHS Scientific Leadership Award*

*Presents*

### Lecture

## Maritime Industry and Cybersecurity

Associate Professor Wm. Arthur Conklin, PhD  
Department of Information and Logistics Technology  
College of Technology  
University of Houston

12:00 – 13:00 pm, Wednesday, March 27, 2019, Technology Building, Room 261

### Abstract

The maritime industry is highly dependent upon information technology, and this makes cybersecurity a major risk issue for the maritime industry. But what are the avenues of attack, where does cybersecurity impact maritime operations, what is the nexus? This talk will examine the overlap of risks across several differing aspects of maritime operations.

### Bio-sketch



Wm. Arthur Conklin, PhD is an Associate Professor and Director of the Center for Information Security Research and Education in the College of Technology at the University of Houston. He holds numerous security certifications, including Security+, CISSP, CSSLP, CRISC, DFCP, GICSP, GRID, GCIP, GCIA, GCFA, CASP, and CSDP certifications. An ISSA Fellow, he is also a senior member of ASQ, IEEE and ACM. His research interests include the use of systems theory to explore information security, specifically in Cyber Physical Systems and critical infrastructures. He has co-authored six security books and numerous academic articles associated with information security. He is active in the NSA/DHS Centers of Academic Excellence in Cyber Defense Education program, creating the Center at UH. He is chair of the Steering Committee for the DHS sponsored Industrial Control Systems Joint Working Group (ICSJWG), a group associated with cybersecurity aspects of industrial control systems. He has an extensive

background in secure coding and is a former co-chair of the DHS/DoD Software Assurance Forum working group for workforce education, training and development.

**Lunch will be served**  
**RSVP to [williamsua@tsu.edu](mailto:williamsua@tsu.edu)**