

Books

E. Blasch, **Y. Chen**, G. Chen, D. Shen, and R. Kohler, "Chapter 4: Information Fusion in a Cloud-Enabled Environment," *High Performance Cloud Auditing and Applications*, pp. 91-115, edited by K.-S. Han, B.-Y. Choi, and S.-J. Song, published by Springer, ISBN 978-1-4614-3295-1, November 7, 2013.

D. Klotzkin, "Introduction to Semiconductor Lasers for Optical Communications," published by Springer, New York, NY, USA, December 16, 2014.

Conference Publications

A. Dolgikh, Z. Birnbaum, **Y. Chen**, and **V. Skormin**, "Behavioral Modeling for Suspicious Process Detection in Cloud Computing Environments," *2013 International Workshop on Mobile Cloud Computing: Data, Management & Security (mCloud)*, in conjunction with the 14th IEEE International Conference on Mobile Data Management (*IEEE MDM 2013*), Milan, Italy, June 3–6, 2013.

Z. Birnbaum, B. Liu, A. Dolgikh, **Y. Chen**, and **V. Skormin**, "Cloud Security Auditing based on Behavioral Modeling," *IEEE 2013 1st International Workshop on Cloud Security Auditing (CSAW)*, Santa Clara, California, USA, June 27–July 2, 2013.

B. Liu, **Y. Chen**, D. Shen, G. Chen, E. Blasch, and K. Pham, "A Holistic Cloud-Enabled Robotics System for Real-Time Video Tracking Application," *International Workshop on Cloud Enhanced Information Fusion (CloudFusion 2013)*, in conjunction with 8th FutureTech Conference, Gwangju, Korea, September 4–6, 2013.

B. Liu, E. Blasch, **Y. Chen**, D. Shen, and G. Chen, "Scalable Sentiment Classification for Big Data Analysis Using Naive Bayes Classifier," *Workshop on Scalable Machine Learning: Theory and Applications*, in conjunction with the 2013 IEEE International Conference on Big Data (*IEEE Big Data 2013*), Santa Clara, California, USA, October 6–9, 2013.

Y. Chen, "LAVI: A Location Aware Virtual Infrastructure for VANETs," *2nd International Conference on Connected Vehicles & Expo (ICCVE 2013)*, Las Vegas, Nevada, USA, December 2–6, 2013.

A. Hadiks, **Y. Chen**, F. Li, and B. Liu, "A Study of Stealthy Denial-of-Service Attacks in Wi-Fi Direct Device-to-Device Networks," *11th Annual IEEE Consumer Communication & Networking Conference, Work-in-Progress (CCNC 2014, WiP)*, Las Vegas, Nevada, USA, January 10–13, 2014.

J. Hubbard, K. Weimer, and **Y. Chen**, "A Study of SSL Proxy Attacks on Android and iOS Mobile Applications," *11th Annual IEEE Consumer Communication & Networking Conference, (CCNC 2014)*, Las Vegas, Nevada, USA, January 10–13, 2014.

B. Liu, **Y. Chen**, D. Shen, G. Chen, K. Pham, E. Blasch, and B. Rubin, "An Adaptive Process-based Cloud Infrastructure for Space Situational Awareness Applications," *2014 SPIE Defense, Security, and Sensing, (DSS)*, Baltimore, Maryland, USA, May 5–9, 2014.

A. Fraiwan and **S. Choi**, "A Multi-Anode Paper-Based Microbial Fuel Cell for Disposable Biosensors," *IEEE Sensors*, pp. 1908-1911, Baltimore, Maryland, USA, November 4–6, 2013.

C. Dai, S. Chen, A. Fraiwan, and **S. Choi**, "Direct Visualization of Electrogenic Bacteria in a Microfabricated Microbial Fuel Cell," *IEEE Sensors*, pp. 636-639, Baltimore, Maryland, USA, November 4–6, 2013.

S. Yoon, H. Lee, A. Fraiwan, C. Dai, and **S. Choi**, "A Micro-Sized Microbial Solar Cell," *IEEE NEMS 2014*, pp. 265-268, Hawaii, USA, April 13–16, 2014.

S. Chen, C. Dai, A. Fraiwan, and **S. Choi**, "A Miniaturized Parallel Analyses Platform for Rapid Electrochemical Discoveries of Microbial Activities," *IEEE NEMS 2014*, pp. 639-642, April 13–16, 2014.

A. Fraiwan, C. Dai, T. H. Nguyen, and **S. Choi**, "A Paper-Based Bacteria-Powered Battery having High Power Generation," *IEEE NEMS 2014*, pp. 394-397, Hawaii, USA, April 13–16, 2014.

A. Ker, P. Bas, R. Boehme, R. Cогranne, **S. A. Craver**, T. Filler, **J. Fridrich**, and T. Pevny, "Moving Steganography and Steganalysis from the Laboratory into the Real World," *1st ACM Workshop on Information Hiding and Multimedia Security*, Montpellier, France, June 17–19, 2013.

A. F. Baroughi and **S. A. Craver**, "Additive Attacks on Speaker Recognition," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028 90280Q, doi: 10.1117/12.2040872, February 19, 2014.

M. Pourhomayoun, P. Dugan, **M. L. Fowler**, J. Zollweg, M. Popescu, D. Ponirakis, and C. Clark, "Underwater Noise Analysis of Massachusetts Bay: Acoustical Recordings Using High Performance Computing System," *MTS/IEEE OCEANS 2013*, San Diego, California, USA, September 23–26, 2013.

J. Reale, L. Huie, and **M. L. Fowler**, "Locating Closely Spaced Coherent Emitters Using TDOA Techniques," *IEEE Asilomar Conference on Signals, Systems, and Computers*, Monterey, California, USA, November 2013.

M. L. Fowler, "Flipping Signals and Systems: Course Structure & Results," *IEEE ICASSP 2014*, Florence, Italy, May 7, 2014.

J. Fridrich and V. Holub, "Challenging the Doctrines of JPEG Steganography," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028, San Francisco, California, USA, February 2–6, 2014.

J. Fridrich and T. Denemark, "Detection of Content-Adaptive LSB Matching (a Game Theory Approach)," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028, San Francisco, California, USA, February 2–6, 2014.

J. Fridrich and M. Goljan, "Estimation of Lens Distortion Correction from Single Images," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028, San Francisco, California, USA, February 2–6, 2014.

J. Fridrich, T. Denemark, and V. Holub, "Further Study on the Security of S-UNIWARD," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028, San Francisco, California, USA, February 2–6, 2014.

J. Fridrich, J. Kodovský, and V. Sedighianaraki, "Study of Cover Source Mismatch in Steganalysis and Ways to Mitigate its Impact," *Proc. SPIE, Electronic Imaging, Media Watermarking, Security, and Forensics 2014*, Vol. 9028, San Francisco, California, USA, February 2–6, 2014.

Z. Jin, X. Wang, Q. Gui, B. Liu, and S. Song, "Improving Diagnostic Accuracy Using Multiparameter Patient Monitoring Based on Data Fusion in the Cloud," *Proc. International Workshop on Cloud Enhanced Information Fusion (CloudFusion), in conjunction with 8th FTRA International Conf. on Future Information Technology (FutureTech)*, pp. 473-476, September 6, 2013.

Q. Gui, B. Liu, X. Wang, **Z. Jin**, and **Y. Chen**, "Finding Needles in a Haystack: Reducing False Alarm Rate Using Telemedicine Mobile Cloud," *1st Workshop on Mobile Cloud Computing in Healthcare (WMCCH), in conjunction with IEEE International Conference on Healthcare Informatics (ICHI 2013)*, pp. 541-544, Philadelphia, Pennsylvania, USA, September 9–11, 2013.

M. R. Blondet, A. Badarinath, C. Khanna, and **Z. Jin**, "A Wearable Real-Time BCI System Based on Mobile Cloud Computing," *6th International IEEE EMBS Neural Engineering Conf. (NER)*, pp. 739-742, San Diego, California, USA, November 8, 2013.

E. English, A. Hung, E. Kesten, D. Latulipe, and **Z. Jin**, "EyePhone: A Mobile Human-Computer Interface Based on Wearable EEG Headset for Assistive Healthcare," *6th International IEEE EMBS Neural Engineering Conf. (NER)*, pp. 105-108, San Diego, California, USA, November 8, 2013.

M. R. Blondet, N. Khalian, K. J. Kurtz, S. Laszlo, and **Z. Jin**, "Brainwaves as Authentication Method: Proving Feasibility Under Two Different Approaches," *Proc. 40th Annual Northeast Bioengineering Conference (NEBEC)*, April 26, 2014.

W. Yang, **Z. Jin**, C. D. Thiem, B. Wysocki, D. Shen, and G. Chen, "Autonomous Target Tracking of UAVs based on Low-Power Neural Network Hardware," *Proc. SPIE Defense, Security, and Sensing (DSS) Symposium*, May 9, 2014.

R. Dixit, W. Zheng, A. Hatfield, J. Gerardi, G. Hickman, W. Doak, and **D. Klotzkin**, "Optical Backscatter Measurement of Cloud Particulates," *IEEE Sensors*, pp. 1-4, November 2013.

X. Li and C. Xiong, "Performance Analysis of Coexisting Secondary Users in Heterogeneous Cognitive Radio Network," *51st Annual Allerton Conference on Communication, Control and Computing*, Monticello, Illinois, USA, October 2–4, 2013.

X. Li, "Methods to Evaluate the Performance of Multiple Uncooperative Users for Green Cognitive Radio Networks," *IEEE Online GreenComm*, October 29–31, 2013.

X. Li, C. Xiong and J. Feldman, "OFDM Transmission Scheme for Asynchronous Two-way Multi-Relay Cooperative Networks with Analog Network Coding," *International Workshop on Emerging Technologies for LTE-Advanced and Beyond-4G, IEEE GlobeCom'2013*, Atlanta, Georgia, USA, December 9–13, 2013.

X. Li and C. Xiong, "Markov Model Bank for Heterogeneous Cognitive Radio Networks with Multiple Dissimilar Users and Channels," *International Conference on Computing, Networking and Communications (ICNC'2014)*, Honolulu, Hawaii, USA, February 3–6, 2014.

X. Li, C. Xiong, and W. Cadeau, "A Polynomial Rooting Approach for Analysis of Competition among Secondary Users in Cognitive Radio Networks," *IEEE DySPAN 2014*, McLean, Virginia, USA, April 1–4, 2014.

B. Aitchanov, **V. Nikulin**, and O. Baimuratov, "Analysis and Modeling of a Control System Based on Digital Dynamic Pulse-Frequency Modulation for Objects with Transport Delay," *Asian Control Conference 2013*, Istanbul, Turkey, June 26, 2013.

V. Nikulin, "Mobile Tracking Control System for Laser Communication," *Intellectual Information and Communication Technologies*, Astana, Kazakhstan, May 30, 2014.

A. Fraiwan, C. Dai, N. K. Sidhu, **A. C. Rastogi**, and **S. Choi**, "A Micro-Sized Microbial Fuel Cell with Electrochemical Sensing Functionality," *IEEE NEMS 2014*, pp. 635-638, Hawaii, USA, April 13–16, 2014.

A. Dolgikh, Z. Birnbaum, and **V. Skormin**, "Customized Behavioral Normalcy Profiles for Critical Infrastructure Protection," *2013 Annual Symposium on Information Assurance (ASIA)*, June 5, 2013.

Z. Birnbaum, A. Dolgikh, and **V. Skormin**, "Intrusion Detection Using N-Grams of Object Access Graph Components," *8th International Conference on Digital Society (ICDS 2014)*, pp.209–215, Barcelona, Spain, March 23, 2014.

Z. Birnbaum, A. Dolgikh, **V. Skormin**, E. O'Brien, and D. Muller, "Unmanned Aerial Vehicle Security Using Recursive Parameter Estimation," *International Conference on Unmanned Aircraft Systems 2014 (ICUAS 2014)*, Orlando, Florida, USA, May 27, 2014.

K. J. Temkin and **D. Summerville**, "Functionally Undetectable Hardware Trojans via Covert Implantation," *Proc. Government Microcircuit Applications & Critical Technology Conference 2014 (GOMACTech '14)*, Chapter 2.2, March 2014.

J. Huang and **N. E. Wu**, "A New Scalable Solution to Optimal PMU Placement under a Long-run Data Availability Criterion," *Proc. 2013 American Control Conference*, Washington, DC, USA, June 17–19, 2013.

Q. Qin and **N. E. Wu**, "Control Reconfigurability-based Placement Strategy for FACTS Devices," *Proc. 2013 American Control Conference*, Washington, DC, USA, June 17–19, 2013.

S. A. Zahorian, M. Elmore, and **K. J. Temkin**, "Factors that Influence Engineering Freshman in Choosing their Major," *American Society of Engineering Education*, Atlanta, Georgia, USA, June 20, 2013.

V. N. Parinam, C. Vootkuri, and **S. A. Zahorian**, "Comparison of Spectral Analysis Methods for Automatic Speech Recognition," *Proc. Interspeech 2013*, September 4, 2013.

N. Zhou, "A Coherence Method for Detecting and Analyzing Oscillations," *2013 IEEE PES General Meeting*, Vancouver, BC, Canada, July 21–25, 2013.

M. Vlachopoulou, T. Ferryman, **N. Zhou**, and J. Tong, "A Stepwise Regression Method for Forecasting Net Interchange Schedule," *2013 IEEE PES General Meeting*, Vancouver, BC, Canada, July 21–25, 2013.

M. Vlachopoulou, L. Gosink, T. C. Pulsipher, T. Ferryman, **N. Zhou**, and J. Tong, "An Ensemble Approach for Forecasting Net Interchange Schedule," *2013 IEEE PES General Meeting*, Vancouver, BC, Canada, July 21–25, 2013.

D. Meng, **N. Zhou**, S. Lu, and G. Lin, "An Expectation-Maximization Method for Calibrating Synchronous Machine Models," *2013 IEEE PES General Meeting*, Vancouver, BC, Canada, July 21–25, 2013.

N. Zhou, J. Pierre, and D. Trudnowski, "Some Considerations in Using Prony Analysis to Estimate Electromechanical Modes," *2013 IEEE PES General Meeting*, Vancouver, BC, Canada, July 21–25, 2013.

Journal Articles

A. Fraiwan, S. Mukherjee, S. Sundermier, H. Lee, and **S. Choi**, "A Paper-Based Microbial Fuel Cell: Instant Battery for Disposable Diagnostic Devices," *Biosensors and Bioelectronics*, Vol. 49, pp. 410-414, 2013.

C. Dai and **S. Choi**, "Technology and Applications of Microbial Biosensor," *Journal of Applied Biosensor*, Review Article, Vol. 2, pp. 83-93, 2013.

A. Fraiwan, D. F. Call, and **S. Choi**, "Bacterial Growth and Respiration in Laminar Flow Microbial Fuel Cell," *Journal of Renewable and Sustainable Energy*, Vol. 6, pp.023125, 2014.

T. H. Nguyen, A. Fraiwan, and **S. Choi**, "Paper-based Batteries: A Review," *Biosensors and Bioelectronics*, Vol. 54, pp. 640-649, 2014.

S. Yoon, H. Lee, A. Fraiwan, C. Dai, and **S. Choi**, "A Microsized Microbial Solar Cell: A Demonstration of Photosynthetic Bacterial Electrogenic Capabilities," *IEEE Nanotechnology Magazine*, Vol. 8, pp. 24-29, March 2014.

T. P. Dhakal, C.-Y. Peng, R. R. Tobias, R. Dasharathy, and **C. R. Westgate**, "Characterization of a CZTS Thin Film Solar Cell Grown by Sputtering Method," *Solar Energy*, Vol. 100, pp. 23-30, February 2014.

C.-Y. Peng, **T. P. Dhakal**, S. Garner, P. Cimo, S. Lu, **C. R. Westgate**, "Fabrication of $\text{Cu}_2\text{ZnSnS}_4$ Solar Cell on a Flexible Glass Substrate," *Thin Solid Films*, 562, 574–577, March 2014.

C.-Y. Peng, **T. P. Dhakal**, S. Garner, P. Cimo, S. Lu, **C. R. Westgate**, "Strained Growth of Aluminum-Doped Zinc Oxide on Flexible Glass Substrate and Degradation Studies under Cyclic Bending Conditions," *IEEE Transactions on Device and Materials Reliability*, Vol. 14, pp. 121-126, March 2014.

J. Fridrich and V. Holub, "Random Projections of Residuals for Digital Image Steganalysis," *IEEE TIFS*, Vol. 8, Iss. 12, pp. 1996—2006, December 2013.

J. Fridrich, V. Holub, and T. Denemark, "Universal Distortion Function for Steganography in an Arbitrary Domain," *EURASIP Journal on Information Security (Section: SI: Revised Selected Papers of ACM IH and MMS 2013)*, December 2013.

J. Fridrich and J. Kodovský, "Effect of Image Downsampling on Steganographic Security," *IEEE TIFS*, February 2014.

- M. Pourhomayoun, **Z. Jin**, and **M. L. Fowler**, "Indoor Localization, Tracking, and Fall Detection for Assistive Healthcare Based on Spatial Sparsity and Wireless Sensor Network," *International Journal of Monitoring and Surveillance Technologies Research (IJMSTR)*, Vol. 1, No. 2, pp. 72-83, June 2013.
- M. Pourhomayoun, **Z. Jin**, and **M. L. Fowler**, "Accurate Localization of In-Body Medical Implants Based on Spatial Sparsity," *IEEE Transactions on Biomedical Engineering*, Vol. 61, No. 2, pp. 590 – 597, February 2014.
- X. Wang, Q. Gui, B. Liu, **Z. Jin**, and **Y. Chen**, "Enabling Smart Personalized Healthcare: A Hybrid Mobile-Cloud Approach for ECG Telemonitoring," *IEEE Journal of Biomedical and Health Informatics (JBHI)*, Vol. 18, No. 3, pp. 739-745, May 2014.
- J. Hu, Z. Ge, A. Piquette, K. Mishra, and **D. Klotzkin**, "Design and Fabrication of a Combined Three-layer Coating including Gradient Refractive Index Films for Broadband Antireflection on Silicon," *Microwave and Optical Technology Letters*, Vol. 56, Iss. 1, pp. 256-259, November 2013.
- W. Cadeau, **X. Li**, and C. Xiong, "Markov Model Based Jamming and Anti-jamming Performance Analysis for Cognitive Radio Networks," *Communications and Network*, Vol. 6, No. 2, pp. 76-85, May 2014.
- G. Abitova, M. Beisenbi, and **V. Nikulin**, "Increased Robust Stability of Nonlinear Systems Based on Hyperbolic Umbilic Catastrophe Theory," *International Journal of Engineering and Innovative Technology*, Vol. 4, No. 10, pp. 293-299, April 2014.
- V. Nikulin** and V. Ten, "Adaptive Control of Micro-Grid Inverters Based on Local Parametric Optimization," *International Journal of Engineering and Innovative Technology*, Vol. 3, No. 9, pp. 112-118, March 2014.
- A. C. Rastogi**, "Interfacial Polymer Ferroelectric Dipole Induced Electric Field Effect on the Photovoltaic Performance of Organic Solar Cells," *Journal of Vacuum Science and Technology* Vol. 31, Iss. 4, pp. 04D112-1–04D112-9, July 2013.
- G. P. Pandey and **A. C. Rastogi**, "Poly(3,4-ethylenedioxythiophene)-Graphene Composite Electrodes For Solid-State Supercapacitors with Ionic Liquid Gel Polymer Electrolyte," *ECS Transactions*, Vol. 45, Iss. 29, pp. 173-181, July 2013.
- G. P. Pandey, **A. C. Rastogi**, and **C. R. Westgate**, "Polyacrylonitrile and 1-Ethyl-3-methylimidazolium Thiocyanate based Gel Polymer Electrolyte for Solid-State Supercapacitors with Graphene Electrodes," *ECS Transactions*, Vol. 50, Iss. 43, pp. 145-151, July 2013.
- G. P. Pandey and **A. C. Rastogi**, "Polyaniline-MnO₂ Nanocomposite Supercapacitor Electrodes Prepared by Galvanic Pulse Polymerization," *ECS Transactions*, Vol. 50, Iss. 43, pp. 71-78, July 2013.

G. P. Pandey, **A. C. Rastogi**, and **C. R. Westgate**, "All-solid-state Supercapacitors with Poly(3,4-ethylenedioxythiophene)-Coated Carbon Fiber Paper Electrodes and Ionic Liquid Gel Polymer Electrolyte," *Journal of Power Sources*, Vol. 245, pp. 857-865, January 2014.

R. R. Thankalekshmi and **A. C. Rastogi**, "Synthesis and Properties of Zn(Cu-Mn)O Dilute Magentic Semiconductor Thin Films by Chemical Spray Pyrolysis Technique," *Journal of Analytical and Applied Pyrolysis*, Vol. 107, pp. 183-190, March 2014.

S. Tong, M. Tong, **C. Twigg**, **Y. Chen**, and O. Sadik, "Energy Efficient Control for Smart Wastewater Treatment Plants using Self-Powered Wireless Sensor Networks," *Sensor Letters, Special Issue on Wireless Sensor Networks Technologies and Applications for Smart Spaces*, Vol. 11, pp. 1689-1694, November 1, 2013.

Z. Ge, P. Rajbhandari, J. Hu, A. Emrani, T. P. Dhakal, **C. R. Westgate**, and **D. Klotzkin**, "Enhanced Omni-directional Performance of Copper Zinc Tin Sulfide Thin Film Solar Cell by Gradient Index Coating," *Applied Physics Letters*, Vol. 104, Iss. 10, pp. 101104, March 2014.

J. Huang, **N. E. Wu**, and M. Ruschmann, "Data Availability-Constrained Placement of PMUs and Communication Links in a Power System," *IEEE Systems Journal*, Vol. 8, pp. 483-492, October 2013.

J. Huang and **N. E. Wu**, "Minimum Cost Upgrade of PMU Networks for Synchrophasor Availability," *International Journal of Robust and Nonlinear Systems*, Vol. 24, pp. 1341-1360, May 2014.

S. A. Zahorian, **D. Summerville**, and J. Pitarresi "Reducing Obstacles, Improving Prospects," *International Innovation*, Iss. 132, pp. 111-113, March 2014.

P. Zhang, **N. Zhou**, and A. Abdollahi, "A Generalized Subspace-Least Mean Square Method for High-Resolution Accurate Power System Oscillation Mode Estimation," *Electric Power Components and Systems*, Vol. 41, No. 12, pp. 1205-1212, July 2013.

N. Zhou, D. Meng, and S. Lu, "Estimation of the Dynamic States of Synchronous Machines Using an Extended Particle Filter," *IEEE Transaction on Power Systems*, Vol. 28, No. 4, pp. 4152-4161, November 2013.

Presentations

A. Carpenter, "On-Chip Networks in the Dark Silicon Age," Union College, Schenectady, New York, USA, May 1, 2014.

Y. Chen, "A Remote Trustworthy Attestation Scheme for Mobile Cloud Auditing Data Distribution, *2013 AFRL CyberBAT/VFRP Technical Interchanging Meeting (TIM)* Rome, New York, USA, July 15, 2013.

Y. Chen, "Information Fusion in Cloud Computing Era: A Systems-Level Perspective," *ARFL/RIEA Alford Lecture Series Opportunities (ALSO)*, Rome, New York, USA, July 23, 2013.

Z. Jin, "How Computing Technologies Will Help Healthcare," Lourdes Hospital, Binghamton, New York, USA, June 3, 2013.

Z. Jin, "How Computing Technologies Will Help Healthcare," Lockheed Martin, Owego, New York, USA, June 18, 2013.

Z. Jin, "Towards Self-Healing and Self-Optimizing Neuromorphic System," Air Force Research Laboratory, Rome, New York, USA, June 20, 2013.

Z. Jin, "Convergence of Medicine and Cyber Technologies," Xerox Research Center, Webster, New York, USA, December 10, 2013.

Z. Jin, "Convergence of Medicine and Cyber Technologies," HUAWEI Device USA, Warren, New Jersey, USA, March 14, 2014.

Z. Jin, "Convergence of Medicine and Cyber Technologies," Clarkson University, Potsdam, New York, USA, April 11, 2014.

V. Skormin, "Customized Behavioral Normalcy Profiles for Critical Infrastructure Protection," University of Texas, Dallas, Texas, USA, October 23, 2013.

V. Skormin, "Semantic Behavior-Based Malware Detection System," The Griffiss Institute & The Cyber NY Alliance, Rome, New York, USA, January 10, 2014.

V. Skormin, "Cybersecurity Hard Problems," Cyber Research Institute, Rome New York, USA, March 19, 2014.

V. Skormin, “Detection of Cyber Attacks Utilizing Behavioral Semantics,” *TEDx Youth 2014*, Horseheads New York, USA, April 3, 2014.

K. J. Temkin, “Developing a Platform to Support Blended-Online Learning,” *Conference on Instruction and Technology 2014*, May 28, 2014.

N. E. Wu, “Fault-Tolerant Control of Power Grids for Security and Availability,” Napa Valley, California, USA, February 8, 2014.

N. E. Wu, “Resilience and Computational Requirements of Security Profiles and Their Roles in Operations Planning and Real-Time Control,” NYISO, April 24, 2014.

H. Hu, P. Guzewich, and **S. A. Zahorian**, “A Further Comparison of Fundamental Frequency Tracking Algorithms,” *166th Meeting of the Acoustical Society of America*, Vol. 134, No. 5, Pt. 2, pp. 4068, San Francisco, California, USA, December 2–6, 2013.

N. Zhou, “Diagnose Oscillations in Power Systems,” *Research Seminar Series of the North America Chinese Power Professional Association*, March 15, 2014.

Please Note: All conference publications were also presented at respective conferences.