

**Recent University Faculty Research in Cyber Security and Digital Forensics**

“Chapter 11. CERT Resilience Management Model: An Overview”

Author: Bonnie A. Goins Pilewski, Department of Information Technology and Management,  
Illinois Institute of Technology  
Christopher Pilewski, Aurora, Illinois  
Published in: *Information Security Management Handbook, Sixth Edition, Volume 6*  
Harold F. Tipton and Micki Krause Nozaki, Editors  
Auerbach Publications ©2012  
Pages 135–152  
Print ISBN: 978-1-4398-9313-5 / eBook ISBN: 978-1-4398-9315-9  
DOI: 10.1201/b11802-17  
<http://www.crcnetbase.com/doi/abs/10.1201/b11802-17>

“Passive warden using statistical steganalysis”

Author: David Stacey, Department of Information Technology and Management,  
Illinois Institute of Technology  
Published in: *RIIT '14 - Proceedings of the 3rd annual conference on Research in  
information technology*  
Pages 27-32  
ACM New York, NY, USA ©2014  
ISBN: 978-1-4503-2711-4 / doi>10.1145/2656434.2659756  
<http://dl.acm.org/citation.cfm?doid=2656434.2659756>

“Self, Privacy, and Power: Is It All Over?”

Author: Richard Warner Illinois Institute of Technology Chicago-Kent College of Law  
Robert Sloan University of Illinois  
Published in: *Digital Commons Network™ / Law / Computer Law Commons™*  
October 2014  
[http://scholarship.kentlaw.iit.edu/fac\\_schol/809/](http://scholarship.kentlaw.iit.edu/fac_schol/809/)

“Beyond Notice and Choice: Privacy, Norms, and Consent

Author: Richard Warner, Illinois Institute of Technology Chicago-Kent College of Law  
Robert Sloan, University of Illinois, Chicago  
Published in: *Suffolk University Journal of High Technology Law 370 (2014)*  
*Digital Commons Network™ / Law / Computer Law Commons™*  
[http://works.bepress.com/richard\\_warner/75/](http://works.bepress.com/richard_warner/75/)

“Big Data and the ‘New’ Privacy Tradeoff”

Author: Richard Warner, Illinois Institute of Technology Chicago-Kent College of Law  
Robert Sloan, University of Illinois, Chicago  
Published in: *Workshop Proceedings, Future of Privacy Forum 110 (2013)*  
*Digital Commons Network™ / Law / Computer Law Commons™*  
[http://works.bepress.com/richard\\_warner/78/](http://works.bepress.com/richard_warner/78/)

“Privacy and Technology: A 125-Year Review”

Author: Lori Andrews, Illinois Institute of Technology Chicago-Kent College of Law  
Published in: *IIT 125th Anniversary Materials. Paper 9, 2013*  
*Digital Commons Network™ / Law / Privacy Law Commons™*  
[http://scholarship.kentlaw.iit.edu/docs\\_125/9](http://scholarship.kentlaw.iit.edu/docs_125/9)

“Where’s Waldo?: Geolocation, Mobile Apps, and Privacy”

Author: Lori Andrews, Illinois Institute of Technology Chicago-Kent College of Law  
Published in: *Digital Commons Network™ / Law / Privacy Law Commons™* July 2013  
[http://scholarship.kentlaw.iit.edu/fac\\_schol/789/](http://scholarship.kentlaw.iit.edu/fac_schol/789/)

## Recent University Faculty Research in Cyber Security and Digital Forensics

“Control Cloud Data Access Privilege and Anonymity With Fully Anonymous Attribute Based Encryption”

Author: Taeho Jung, Department of Computer Science, Illinois Institute of Technology  
Xiang-Yang Li, Department of Computer Science and Technology, TNLIST,  
Tsinghua University, Beijing, and Department of Computer Science,  
Illinois Institute of Technology  
Zhiguo Wan, School of Software, TNLIST, Tsinghua University, Beijing, and  
State Key Laboratory of Information Security, Chinese Academy of Sciences,  
Beijing  
Meng Wan, Center for Science and Technology Development, Ministry of  
Education, Beijing

Published in: *IEEE Transactions on Information Forensics & Security*, Oct. 2014.  
[http://www.cs.iit.edu/~xli/paper/Journal/AnonyControl\\_final\\_tifs.pdf](http://www.cs.iit.edu/~xli/paper/Journal/AnonyControl_final_tifs.pdf)

“Security informatics in complex documents”

Author: Gady Agam, Department of Computer Science, Illinois Institute of Technology  
David Grossman, Department of Computer Science, Illinois Institute of Technology  
Ophir Frieder, Department of Computer Science, Illinois Institute of Technology

Published in: *NATO Science for Peace and Security Series - D: Information and Communication Security, Volume 15: Security Informatics and Terrorism: Patrolling the Web*  
<http://ebooks.iospress.nl/volumearticle/23576>

“Securing Industrial Control Systems with a Simulation-based Verification System”

Author: Dong Jin, Department of Computer Science, Illinois Institute of Technology  
Yi Ning, Department of Computer Science, Illinois Institute of Technology

Published in: *Proceedings of the 2014 ACM SIGSIM Conference on Principles of Advanced Discrete Simulation*, Denver, CO, May 2014  
[https://dl.dropboxusercontent.com/u/40575062/my\\_paper/JinNi\\_PADS2014\\_short.pdf](https://dl.dropboxusercontent.com/u/40575062/my_paper/JinNi_PADS2014_short.pdf)

“Improving Operation Time Bounded Mission Critical Systems' Attack-Survivability through Controlled Source-Code Transformation”

Author: Alban Vignaux, Department of Computer Science, Illinois Institute of Technology  
Arnaud Auguste, Department of Computer Science, Illinois Institute of Technology  
Bogdan Korel, Department of Computer Science, Illinois Institute of Technology  
Shangping Ren, Department of Computer Science, Illinois Institute of Technology  
Kevin Kwiat, Cyber Science Branch, Air Force Research Laboratory, AFRL/RIGG

Published in: *Proceedings of the 4th International Conference on Security of Information and Networks*, SIN 2011  
<http://gauss.cs.iit.edu/~code/publication/11vignaux.pdf>

“Optimal Voting Strategy Against Rational Attacks”

Author: Li Wang, Department of Computer Science, Illinois Institute of Technology  
Zheng Li, Department of Computer Science, Illinois Institute of Technology  
Shangping Ren, Department of Computer Science, Illinois Institute of Technology  
Kevin Kwiat, Cyber Science Branch, Air Force Research Laboratory, AFRL/RIGG

Published in: *Proceedings of the Sixth International Conference on Risks and Security of Internet and Systems*, CRiSIS 2011.  
<http://gauss.cs.iit.edu/~code/publication/11licrisis.pdf>

“A novel architecture for a Computer Network Defense (CND) system using Content Addressable Networks (CAN)”

Author: D. Al-Omari, Department of Electrical & Computer Engineering, Illinois Institute of Technology  
Vijay K. Gurbani, Department of Computer Science, Illinois Institute of Technology  
Tricha Anjali, Department of Electrical & Computer Engineering, Illinois Institute of Technology

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[http://ieeexplore.ieee.org/xpls/abs\\_all.jsp?arnumber=6477670&tag=1](http://ieeexplore.ieee.org/xpls/abs_all.jsp?arnumber=6477670&tag=1)