# Prof. L. Jean Camp

*Luddy School of Informatics, Computing, & Engineering • Indiana University • Bloomington, IN*
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**Fellow of the Institute of Electrical & Electronics Engineers 2018**
**Fellow of the American Association for the Advancement of Science 2017**
**Sigma Xi: The Scientific Research Honor Society 2017**
**ACM Fellow 2021**

## EDUCATION

Doctor of Philosophy in Engineering and Public Policy
     Carnegie Mellon University                                                          August 1996
     Thesis: Privacy and Reliability in Internet Commerce

Masters of Science in Electrical Engineering
     University of North Carolina at Charlotte                                 August 1991
     Thesis: Free Space and Guided Wave Optical Interconnects

Bachelor of Arts in Mathematics & Bachelor of Science in Electrical Engineering
     University of North Carolina at Charlotte                                 May 1988

## EMPLOYMENT & APPOINTMENTS

| | |
|---|---|
| Professor | Indiana University |
| Departments of Informatics & | Bloomington, IN |
|     Computer Science | 2011 – present |
| Luddy School of Informatics, Computing , & Engineering | |
| Director, SPICE | Indiana University |
| Security & Privacy in Informatics, Computing, & Engineering | Bloomington, IN |
| (Previously the Center for Security Informatics) | 2011 – present |
| Visiting Scholar | University of California |
| Center for Long-Term Cybersecurity | Berkeley, CA |
| | 2019 Sabbatical |
| IEEE/ AAAS Congressional Fellow | 1533 LHOB |
| United States House of Representatives | Office of Rep. Etheridge NC-02 |
| | Legislative Assistant, Military, Telecom, Cybersecurity |
| | Washington, DC |
| | 2010 Sabbatical |
| Visiting Scientist | Data61 |
| Commonwealth Scientific and Industrial Research | Melbourne |
|     Organisation | Victoria, Australia |
| | January – May 2018 |
| Visiting Scientist | Dept. of Computer Science |
| | University City London |
| | London, UK |
| | May – August 2007 |
| Associate Professor | Indiana University |
| School of Informatics | Bloomington, IN |
| | August 2004 – May 2011 |
| Associate Professor | Harvard University |
| Kennedy School of Government | Cambridge, MA |
| | May 2002 – August 2004 |

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|---|---|
| Visiting Scientist<br>Advanced Network Architecture Group | Laboratory for Computer Science<br>Massachusetts Institute of Technology<br>Cambridge, MA<br>January 2003 -May 2003 Sabbatical |
| Visiting Scientist<br>Faculty of Philosophy | Erasmus University<br>Rotterdam, Netherlands<br>May 2003 – August 2003 |
| Visiting Professor<br>Centre for Computing and Social Responsibility | De Montfort University<br>The Gateway Leicester<br>May – August 2001 |
| Assistant Professor<br>Kennedy School of Government | Harvard University<br>Cambridge, MA<br>November 1997 - May 2002 |
| Senior Member of Technical Staff<br>Infrastructure & Network Research | Sandia National Laboratories<br>Livermore, CA<br>September 1996 - November 1997 |
| Research Assistant<br>Department of Engineering &<br>       Public Policy | Carnegie Mellon University<br>Pittsburgh, PA<br>August 1993 - August 1996 |
| Research Assistant<br>Software Engineering Institute | Computer Emergency Response Team<br>Carnegie Mellon University<br>Pittsburgh, PA<br>May 1993 - August 1993 |
| Research Assistant<br>Information Networking Institute | Carnegie Mellon University<br>Pittsburgh, PA<br>August 1991 - May 1993 |
| Patricia Harris Fellow<br>Dept. of Electrical Engineering | Optical Interconnects & CG Holography Laboratory<br>University of North Carolina, Charlotte<br>Charlotte, NC<br>August 1989 - August 1991 |
| Assistant Electrical Engineer<br>Catawba Nuclear Station | Duke Power Company<br>Rock Hill, SC<br>August 1988 - August 1989 |

## Honor & Affiliations

Columbia Institute for Tele-Information (CITI) Fellow 2020-present

Indiana University Representative, Institute for Information Infrastructure Protection, 2006-2009; 2012-2013

IEEE - USA Committee on Communications and Information Policy (CCIP) 1999 -present

Member US ACM-TPC 1996-present (was USACM)

Member IEEE 1987- 1999., Senior Member IEEE 1999 – 2017, Fellow 2017-present.

Member, ACM Task Force on Job Migration, 2004 – 2005

Selected participant, CRA-W Cohort for Associate Professors Project, June 2005

Affiliate, National Center for Digital Government, 2001- 2004

IEEE Intellectual Property Committee 2002 -2004

Editorial Board, International Journal of Technology Policy and Management 1999 – 2008

Research Affiliate, Internet and Telecom Convergence Consortium, MIT, 1999 - 2005

Granted Educational Leave with Benefits, Duke Power Company 1989

## TEACHING & CURRICULAR

University-Wide Trustees Teaching Award for course reorganization and response to COVID in undergraduate
    teaching for Spring of 2020

Indiana University: economics of security (graduate), social informatics of security (graduate and undergraduate), introduction to computer security (freshman), organizational informatics of security (undergraduate), internship in security informatics (graduate and undergraduate)

Harvard University: security and privacy, Internet privacy, Internet commerce, information commerce, design for values, information policy, communications policy, analytic frameworks; Internet strategy: law, business, policy (graduate)

Executive Education: the economics of open source, privacy, managing security, identity management

Harvard & MIT: telecommunications modeling and policy analysis (graduate)

## *Curriculum Development, Indiana University*

Steering committee for Cybersecurity and Global Policy, joint offering with Lugar School of Global & International Studies

Master of Science in Security Informatics Author and architect (with Professors Myers and Wang) as well as founding Director (first entering class 2009). Later redesigned into two programs:

Master of Science in Secure Computing housed in the Computer Science department

Master of Cyber Risk Management jointly created with Kelley Business and Maurer Law Schools

Graduate Program Director, doctoral program redesign adopted by faculty vote (for entering class of 2011)

Authored first IUB security program, an undergraduate minor in security informatics (entering class 2005)

# SERVICE

<u>IUB Service</u>

Founder, Director Security Informatics, 2005 – 2015

Originally academic program director, then a combined center and academic program directorship, split into two positions in 2015. Overlaps the positions below.

Founding and Current

Director Luddy Security Computing programs, 2005 -2015, 2022-present

Advising students in the minor and masters, define doctoral program including qualifiers, define the program and ensure the courses were listed, coordinate faculty teaching and course listing, Included annual teaching and curriculum review meetings, recruitment, outreach, orientation.

Director, Security & Privacy in Informatics, Computing, and Engineering Center 2015 – present

Co-Director 2018-2022 (Originally founding Director as Center for Security Informatics 2010-2016)

<u>National Service</u>

National Academies 2022 Panel on Review of the National Institute of Standards and Technology's (NIST's) Communications Technology Laboratory (CTL)

2022 IEEE Fellow Evaluating Committee,

Judge, National Security Agency Science of Security (SoS) Initiative Best Paper of 2017 - 2018

Judge, Federal Trade Commission, Internet of Things Challenge, 2017

IEEE/AAAS Congressional Fellow, 2010

President of the International Financial Cryptography Association 2003 – 2010

President & Chair, IFCA 2004 - 2006

Board of Governors, IEEE Society for the Social Implications of Technology, 2003 - 2006

Dean's Leadership Committee, Carnegie Institute of Technology, Carnegie Mellon University, 2002 - 2004

Director, Computer Professionals for Social Responsibility 1999 - 2003

Five Year Program Review Committee of the National Science Foundation CAREER Program 2001

Senior Member of the IEEE, elected in September 1999

## *Editorial*

Founding editorial board, Harvard Papers on Technology Science (G-POTS)

Founding editorial board, EAI Transactions on Security and Safety 2010-2016

TOPS (was TISSEC), Associate Editor – 2014 -2019

USEC Steering Committee 2012-present

WEIS Steering Committee 2001 (founding) - present

Editorial Board, International of Technology Policy and Management, 1999-present

Special Issue Editor: Usability & Security, IEEE Technology & Society, March 2007

Special Issue Editor: Economics of Information Security, I/S: A Journal of Law and Policy for the Information Society, 2006 Cybersecurity Issue & 2007 Cybersecurity Issue

Special Issue Editor: Designing Across the Digital Divide, The Journal of Information, Communication and Ethics in Society (ICES). Vol. 1, No. 3. May 2003

Reviewer: Communications of the ACM, IEEE Transactions on Computing, Mgt. Science, RAND Journal, Security & Privacy, American Economic Review, JASIST, Risk Analysis,  MIS Quarterly, Journal of Policy Analysis and Management etc.

# MENTORING

## *Doctoral Alumni*

Shakthidhar Gopavaram innovated in human decision-making for mobile domains to reduce risk-taking.

Jayati Dev recommended and implemented design changes for privacy in interactive systems.

Vafa Andalibi systematically hardened IoT and CPS systems.

DongInn Kim created trustworthy AI to secure IoT ecosystems.

Jacob Abbott combined big data and human-centered design.

Behnood Momenzadeh evaluated risks in cybercurrencies.

Sanchari Das contributed to usability in phishing and authentication.

Gary Deckard evaluated efficacy of security training, cybersecurity pedagogy for Cyber Physical Systems.

Pablo Moriano analyzed temporal graphs to detect anomalies in insider threats, routing, and vulnerabilities

Kevin Benton focused on the dynamics of network security in both SDN and BGP.

Zheng Dong applied machine learning to the detection of phishing sites and malicious certificates

Tim Kelley, doctoral alumni and postdoctoral fellow,  integrated human experimentation with large scale modeling.

Vaibhav Garg perceived risk methods to on-line risk, pioneering applications of crime science

Debin Liu worked on risk-based access control and usable security.

Camilo Viecco rewrote Tor TCP to reduce delay, jitter, and prevented timing attacks.

J Duncan, with a focus on ethical design of security experiment, is now on the faculty at Indiana U.

Warigia Bowman examined ICT for development in Internet diffusion in East Africa.

Allan Friedman, on security and privacy, combined game theory and social networks.

Postdoctoral Fellow Kelly Caine of the ETHOS project (with Prof. Connelly) is now at Clemson U.

Postdoctoral Fellow Alex Tsow applies formal methods at MITRE.

Postdoctoral Fellow Prashanth Rajivan is tenure track faculty at U Washington.

Postdoctoral Fellow Shri Mare is tenure track faculty at  U Western Washington.

Postdoctoral Fellow Tatian Ringenberg is tenure track faculty at Purdue University.

## *Doctoral Alumni, Joint Advisor*

Xiaoyong Zhou on mobile security.

Rui Wang on malware and security in ecommerce.

Carlos Osorio on ICT for development, innovation, security and privacy.

Serena Chan on reliability and hardening by using commodity computing in satellites.

Sabine Schaffer on trust in the Internet.

Sara Wilford on privacy.

Doctoral examiner, Kristiina Karvonen in Helsinki University of Technology, on privacy.

## *Current Advisees*

Natnatee Dokmai, genomic and communications privacy

Peter Caven, securing the software supply chain.

Dalya Manatova, social and organizational theory of ecrime forums

Xinyao Mao, human-centered mutual authentication

Anesu Christopher Chaora, detecting dependencies and data-types to characterize software risk

Laura Calloway, on dataflows in health technology and IoT technology.

Ambarish Gurjar, using ML and NLP to characterize risk in software

William Smeal, joint with Eastern European studies

Viktor Zitao Zhang, joint with HCI/d

*Partial list of undergraduate and master students research mentoring available at http://www.ljean.com/students.php*

## EVENTS

### Chair

*1st AsisaUSEC Useable Security (USEC)* in Asia (Sabah, Malaysia) 14 February 2020. cochair Alana Maurushat

HACS-2019: *Humans and Cyber Security* (Los Angeles, CA) 13 December 2019. cochair Marthie Grobler

WSSP: *Workshop on the Human Aspects of Smarthome Security Privacy,* cochairs Yoshi Khono and Ryan Henry
    A SOUPS Workshop, (Baltimore, MD) 12 August 2018.

The *Best Practice for Living in the Internet of Things* Workshop, (Seattle, WA) 3-4 August 2017,

Security Track of the *Grace Hopper Celebration of Women*, (Houston, TX) 14-16 October 2015

*Risk Perception in IT Security and Privacy* (RP-IT) Workshop
    A SOUPS Workshop, (Newcastle upon Tyne, UK) 26 July 2013.

IEEE Symposium on Security and Privacy Workshops, (San Francisco, CA) May 2013

*Usable Security (USEC)* An FC-Affiliated Workshop (Dutch Antilles) 29 March 2012
    J. Blythe, Co-Chair. Currently on steering committee

*Security and Privacy in Medical And Home Care Systems (SPIMACS)* ACM CCS Workshop (Chicago, IL) 13 Nov 2009

*Telecommunication Policy Research Conference* (Arlington, VA) September 2008

*The Insider Threat Workshop*: an invitation-only workshop combining researchers and industry to define the parameters of the insider threat, Duke Conference Center (Durham, NC) April 2008

*Economics of Information Security:* a two day event under the auspices of the Special Focus on Computation and the Socio-Economic Sciences DIMACS (Rutgers, NJ) January 2007
    Alessandro Acquisti, Program Co-Chair

*Workshop on the Economics of Information Security*, Kennedy School of Government, Harvard University (Cambridge, MA) 1-3 June 2005. Allan Friedman, General Chair

*The Voting, Vote Capture, and Vote Counting Symposium*: a one day event on design of process, technology and their interaction in voting systems. Kennedy School of Government, (Cambridge, MA) June, 2004.

*Identity: The Civic Scenario*: a two day workshop on the role of identifiers in digital government. Kennedy School of Government, Harvard University (Cambridge, MA) April 2003

*Shrinking World, Expanding Net: Designing Technology for Developing Nations*: CPSR Annual Meeting, a one day event on design for universal access. Kennedy School of Government, Harvard (Cambridge, MA) Oct 2002

*Financial Cryptography*, International Financial Cryptography Association (Guadeloupe, FWI) January 2003
    Rebecca Wright, Program Chair & Proceedings Editor, L Jean Camp Program co-Chair

### Program Committees

SOUP 2023, EUROUSEC 2023, FC 2023, Workshop on Child Online Safety and Harms (COSH 2023), USEC 2023

WEIS 2022, 2022 Workshop on Human Centric Software Engineering and Cyber Security, EuroUSEC 2022, FC 2022, Kids Online Privacy and Security 2022

Senior Program Committee APA Technology, Mind, & Society, WEIS 2021, SADFE 2021, USEC 2021

ACM CCS 2020, HotEdge 2020, CSET 2020, SADFE 2020, WEIS 2020

ASCIP 2019, ACM CCS 2019, WEIS 2019, CSET 2019

WEIS 2018, CCS 2018, PETS 2018, NPSW 2018, HotSoS, NDSS, STAST

WEIS 2017, NDSS 2017, STAST 2017, PETS 2017, AMC CCS 2017, NDSS 2017

ISC 2016. CSET 2016

CSET 2015,  ACISP 2015, CoChair Security/Privacy Track Grace Hopper Conference 2015

WEIS 2014, HOTSOS 2014, DIMVA 2014, Security/Privacy Track Grace Hopper Conference 2014

WEIS 2013, TRUST 2013,  Cyber security Research Ethics Dialogue and Strategy (CREDS) 2013,  IEEE Big Data 2013, USEC 2013, PETools2013, ISC 2013, USEC Steering Committee

WEIS 2012, PETS 2012, TRUST 2012, SOUPS 2012, WESC 2012. GameSec 2012,  IEEE eCrime 2012

ETHICOMP 2011, WEIS 2011, CFP Research Track 2011, PETS 2011, HICSS 2011

ETHICOMP 2010. WEIS 2010. All other invitations refused due to AAAS Congressional Fellowship

Third IFIP WG 11.11 International Conference on Trust Management (IFIPTM 2009),  Workshop on the Economics of Information Security 2009, ACM CCS 2009

ACM CCS 2008, Workshop on the Economics of Information Security 2008, Quality of Protection Workshop 2008, ETHICOMP 2008, Third Annual APWG eCrime Researchers Summit.

Workshop on the Economics of Information Security, 2007,  Privacy Enhancing Technologies Workshop 2007, Dependability and Security in e-Government 2007, ETHICOMP 2007

iTrust 2006, Workshop on the Economics of Information Security, 2006, EURO mGOV 2006, Workshop on Privacy in the Electronic Society 2006, Workshop on Digital Rights Management Systems, 2006

Workshop on Digital Rights Management Systems, 2005, Privacy Enhancing Technologies, 2005,   ETHICOMP 2005.

Workshop on Digital Rights Management Systems, 2004, Privacy Enhancing Technologies, 2004,  ITS European Regional Conference 2004, ETHICOMP 2004, Third Workshop on the Economics of Information Security

Workshop on Digital Rights Management Systems, 2003,  Fifth International Conference of Electronic Commerce, 2003,  Privacy Enhancing Technologies, 2003, ETHICOMP 2003, Second Workshop on the Economics of Information Security.

Telecommunications Policy Research Conference 2001, 1st Workshop on the Economics of Information Security.

The Internet and Society, Harvard University, 2000, Telecommunications Policy Research Conference 2000

IEEE CCIP The Evolution of the US Telecommunications Infrastructure over the Next Decade, Ithaca, NY, 1999; Governing the Commons: Future of Global Internet Administration Conference, sponsored by Computer Professionals for Social Responsibility 1999

# AWARDS

### *Research Awards (Awards $10,000 or less not listed. PI unless otherwise noted.)*

Comcast, "Data Type Identification", $55,000, May 2022 – May 2023

Computing Research Association, "Computing Innovation Fellows 2021 Project" $283,198 subaward,  9/2021-9/2023.  Computing Research Association subaward from National Science Foundation

Crane Naval Surface Warfare Center, "SCALE ESS/AI Trustworthy AI", $2,626,101 (IU), 7/2021-7/2022 one of 11 IU  coPIs, additional funds were provided to Department of Defense researchers. 2023-2024 renewal in progress.

Comcast Innovation Fund, "Secure and Private DNS with PIR," $50,00, September 2020- September 2021.

Google, "Authentication for Everyone", $50,000, August 2020-August 2022

National Science Foundation, "SaTC: CORE: Small: Understanding Socio-Technical Failure Modes in Public Key Infrastructures" CNS 1814518; $100,00, August 2018- August 2019

Comcast Innovation Fund, "Solving the Security Lemons Problems One Lock at a Time," $76,800, September 2017- September 2018

Cisco Research Award, "Securing IoT in the Nursery," $91,875, August 2018-August 2019

National Science Foundation, "SaTC Large: Living in the Internet of Things", CNS 1565375 2016-2021, $2.99M

Cisco Research Award, "BGP: Boolean Trust Gets Probabilistic," $141,900, August 2015-August 2017

National Science Foundation, "SBIR Phase I: Security and Privacy: Passwords for Real People", IIP 1519879, $150,000 with T. Kelley and J. Abbott. June 2015- January 2016

Army Research Office, "MACRO: Models for Enabling Continuous Reconfigurability of Secure Missions

Cyber-Security Collaborative Research Alliance (CRA)",  Prof. McDaniel of Penn State PI; Camp IU Lead. IU budget: $2.6M,  Oct 2013- Oct 2018

Google Focused Program Award, $201,556,  Aug. 2013 – Aug. 2015

DARPA, "Hardening the Software Defined Network", $0.91M, Jan. 2012- Jan. 2014
NSF, "Safe@Home", $50,000, Aug. 2012- July 2013.
DHS, "Coordinating User and Technical Security,", $2.4M,  2012- 2015
NSF, I-Corps, Privacy-Aware Home Sensor Networks, $50k, May – December 2012
NSF, "Human-Centered Mitigation of the Insider Threat", $99,939, Aug. 2012 – Aug. 2013
Cisco Research Award, "Internet Economics," $30,000, November 2009 - November 2010.
NSF, "Intelligent Interactions for Risk Communication," $112,000, Aug. 2009- August 2011
PGP: Usability of PGP for Elders  (equipment)  valued @ $149.00 each. 03/01/08 - 03/01/09; $14,900.
DoD, Advanced Cloud Computing Technology for Sensor Grids, $77,149, 5/20/09-9/30/10, *Senior Personnel*
NSF, "HCC: Elders View of Privacy Online," $399,999, August 2009 - August 2010
ARIN, "IPv4 Exhaustion Management," $47,321, August 2008 - August 2009
NSF, "HCC: Privacy in Home-Based Ubicomp," $821,491 August 2007-August 2010
DHS, "Business Rational for Cybersecurity," $198,786 May 1 2007 – May 1 2009
DHS, "Insider Threats," $370,234  April 1 2007- March 31 2009     *Co-PI*
Google, "Net Trust and Trust on the Web," $40,000 January 2007 – January 2008
Google, "Net Trust Open Source Development,"  $37,000 January 2006 – January 2007
Secretary of State, Voting System expert RFP 040-002, $148,005, August 2005- August 2006
NSF CAREER Award "Design for Values," $ 464,946.  July 2000 – 200.
NSF, "Voting Risks," $12,455.  February 2004 – August 2004
NSF, "Digital Identity: The Civic Scenario," $79,049. January 2003 – December 2003
NSF,  "The Virtual citizen: Identity, Autonomy and Accountability," $22,536. May 2002 – May 2003
Harvard East Asia Center, "Malaysian Internet and Telecom. Policy," $25,000. July 2001 – July 2002

### Teaching Awards

National Science Foundation, "SaTC Large: Living in the Internet of Things",  2017 REU $23,364; 2018 REU $15,000;  2019 REU $15,985; 2020 REU $16,170
National Security Agency, CAE Capacity Building, 2019, "CTF in a Suitcase", $149,996.58
National Science Foundation, "Understanding Socio-Technical Failure Modes in Public Key Infrastructures", 2019 REU, $14,800
Microsoft Azure, "Undergraduate Research Support: HomeOS & Home Health", $5k & 12,5k in equipment
NSF, "Privacy in Home-Based Ubicomp", 2010 REU $10,200; 2009 REU $13,125; 2008 REU $12,000
Department of Defense, "IASP Graduate Scholarship", $24,000 September 2009- May 2010.
NSF,  "Elders View of Privacy Online," 2010 REU $13,500
Google, "Teaching with Android Blocks", $25,000 in equipment and funds, Jan 2009 - Dec 2009
Johnson Center for Entrepreneurship in the Kelley School of Business, $15,000,  "Johnson Center for Entrepreneurship in Teaching", January 2006 - Dec 2007. *Senior Personnel*
Provost's Innovation Fund Grant Summer 1999, "Virtual Information Technology Research Center," $25,000. January 2000 – January 2001
Dean's Research Fund, KSG Harvard, "Development of an Information Technology Policy Curriculum," $10,000. January 1999 – January 2000

### Patents

US 11,082,447 Systems and methods for preventing router attacks
WO 2017070053A1 Systems and methods for identifying certificate
US 2015/0172274 A1 Methods and systems for passcode creation and user authentication
US 13/075,546  Medication Administration And Patient Health Management Strategies And Systems
WO2010009361A1 Privacy-enhanced event-driven monitoring system and methodologies
US 6,317,729: Method for certifying delivery of secure electronic transactions
US 6,076,078: Anonymous Certified Delivery

### Keynotes & Plenary Presentations

"Human-Centered Security", M3AAWG (Zoom) 9 June 2020

"Trust in the Network", Competitive Economics of Cyber Security, Sandia National Laboratories (Albuquerque, NM) 16 November 2018.

"Challenges in Bitcoin', Blockchain Symposium, University of North Carolina at Chapel Hill, (Chapel Hill, NC) 5 December 2018

"Mobile Lemons", M3AAWG Brooklyn (Brooklyn, NY) 10 October 2018

"Why People Don't Use Two Factor", Black Hat, (Las Vegas, NV) 18 August 2018

"Mobile Lemons: Using Risk Communication to Solve an Economic Technical Problem" 14th Forum on Financial Information Systems & Cybersecurity: Public Policy Perspective" (College Park, MA) 3-5 June 2017

"Economics of Security and Trust", WISE *Keynote* (Women in Security), Berkeley CA 17 June 2015

"Beyond usability: Security Interactions as Risk Perceptions", Trustbuilders and Trustbusters Workshop, (Newcastle, UK) 26 July 2013. *Keynote*

"Efficient Methods to Guard Against Online Risk", *Executive Office of the President*, National Security Staff, (Washington, DC) 27 September 2013

"Building Trust by Communicating Risk", UIC Distinguished Lecture Series (Chicago, IL) 14 November 2013

"Possible Policies for the Final Eights", *ARIN XXIII* (San Antonio, TX) 26-29 April 2009

"Policy Issues in Identity Management" US Department of State (Washington, DC), 20 November 2009

"Design for Trust in Ambient & Ubiquitous Computing*", 6th International Conference on Ubiquitous Intelligence and Computing,* (Brisbane, AU) 6-8 July 2009

"Hardening the Network from The Friend Within", *14th Australian Conference on Information Security and Privacy* (Brisbane, AU) 4-6 July 2009

"Identity in Context", *IBM Identity Management Summit*, (Victoria, BC Canada) April 2004.

"IPv6 Adoption in Autonomous Systems and Advertised Routers", *RIPE 56* (Berlin, DE) 5-9 May 2008.

"IPv6 Diffusion Through the Lens of Economics of Security", *ARIN XXI* (Denver, CO) 7 April 2007

"Unintended Consequences of Design", *International Society for Optical Engineering (SPIE) Photonics East* (Boston MA) 5-8 November 2000.

"When Data =Death, Security for Medical Information Systems", *The IEEE Information Technology Applications in Biomedicine Third International Conference* (Arlington VA) 9-10 November 2000

"Privacy on the Web," *Symposium on Network & Distributed System Security* (San Diego, CA) 10-11 February 1997

# PUBLICATIONS

## Books

A-04. Peter Roenn, Shin'ichiro Matsuo, Andrea Bracciali, Massimiliano Sala and L Jean Camp *Proceedings of Financial Cryptography and Data Security FC 2020 International Workshops, AsiaUSEC'20, CoDeFi'20, VOTING'20, WTSC'20*, LNCS, Springer, 2020

A-03. L. Jean Camp & Eric Johnson, *Economics of Financial and Medical Identity Theft*; Springer-Kluwer (NY, NY), first edition 2007

A-02. L. Jean Camp & Stephen Lewis (Eds.), *The Economics of Information Security*, Springer-Kluwer (NY, NY), 2004

A-01. L. Jean Camp, *Trust & Risk in Internet Commerce*, MIT Press (Cambridge, MA), 2000

## Book Chapters

B-22. Caine, K., Connelly, K., Camp, L.J., Huber, L., Shankar, K., & Zimmerman, C, "DigiSwitch: Control Panel for Home Monitoring Technologies", Designed Technologies for Healthy Aging. Atlanta, GA: Morgan and Claypool, May 30, 2015 (short work). ed Claudia B. Rebola

B-21. Lesa Huber, L. Jean Camp, "User-Driven Design in Smart Homes: Ethical Aspects", Handbook of Smart Homes, Health Care and Well-Being. Springer (Berlin, DE) 2014, pp. 1-10

B-20. Garg, Vaibhav, L. Jean Camp, and Chris Kanich. "Analysis of ecrime in crowd-sourced labor markets: Mechanical Turk vs. Freelancer", Selected Papers from the Workshop on Economics Of Information Security And Privacy. Springer Berlin Heidelberg, 2013. pp. 301-321

B-19. Timothy Kelley & L Jean Camp, "Online Promiscuity: Prophylactic Patching and the Spread of Computer Transmitted Infections", Selected Papers from WEIS 2012, Springer (Berlin, DE) Ch. 8 pp 159-184. (Previous version published in WEIS, see D-44)

B-18. Andrew Patrick & L Jean Camp, "Risk Mitigation From the Release of Personal Identity Information", Privacy Protection Measures and Technologies in Business Organizations: Aspects and Standards. IGI Global. 2011, pp. 309-330

B-17. J. Duncan & L. Jean Camp, "The Portal Monitor: A Privacy-Aware Event-Driven System for Elder Care" Röcker, C., Ziefle, M. (Eds.) Smart Healthcare Applications and Services: Developments and Practices. IGI Publishing (Niagara Falls, NY) 2010

B-16. L. Jean Camp & Kay Connelly, "Beyond Consent: Systematic Design for Privacy in Ubicomp", Digital Privacy: Theory, Technologies and Practices eds. Alessandro Acquisti, Sabrina De Capitani di Vimercati, Stefanos Gritzalis and Costas Lambrinoudakis, Taylor & Frances. (New York, NY) 2007

B-15. L. Jean Camp & Alla Genkina, "Social Networks", Phishing, Springer-Verlag, eds. M. Jakobsson and S. Myers. (Berlin, DE) 2006

B-14. Allan Friedman & L. Jean Camp, "Security in Peer to Peer Systems," The Handbook of Information Security ed. Hossein Bidgoli, John Wiley & Sons, Vol. 1, Ch 35 (Hoboken, New Jersey) 2004

B-13. L. Jean Camp & Ka-Ping Yee "Human Implications of Information Technology," Practical Handbook of Internet Computing ed. M. P. Singh, CRC Press (New York, NY) 2003

B-12. L. Jean Camp "Peer to Peer Systems," The Internet Encyclopedia ed. Hossein Bidgoli, John Wiley & Sons (Hoboken, New Jersey) 2003

B-11. L. Jean Camp, "Design for Trust," Trust, Reputation and Security: Theories and Practice, ed. Rino Falcone, Springer-Verlag (Berlin) 2003

B-10. L. Jean Camp & Carlos Osorio, "Privacy Enhancing Technologies for Internet Commerce," Trust in the Network Economy, Springer-Verlag eds. Otto Petrovic, Reinhard Posch, Franz Marhold. pp. 317-329 (Berlin) 2003

B-09. L. Jean Camp, Cathleen McGrath & Helen Nissenbaum, "Trust: A Collision of Paradigms," Proceedings of Financial Cryptography, Lecture Notes in Computer Science, eds. Paul Syverson, pp. 91-105. Springer-Verlag (Berlin) 2002.

B-08. L. Jean Camp, "The Shape of the Network," Governance in a Globalizing World, ed. J. Donahue, Brookings Press (Washington, DC) 2001

B-07. L. Jean Camp & Y.T. Chien, "The Internet as Public Space: Concepts, Issues and Implications in Public Policy," Readings in Cyberethics, eds. R. Spinello, H. Tavani, Jones. pp. 111-123. Bartlett Publishers (Sudbury, MA) 2001. (Previously published in ACM Computers & Society, noted below.)

B-06. L. Jean Camp, "Web Security and Privacy: An American Perspective," Readings in Cyberethics, eds. R. Spinello and H. Tavani, Jones and Bartlett Publishers (Sudbury, MA) 2001. pp. 474-486. (Previously published in The Information Society, as noted below.)

B-05. L. Jean Camp, "The Post-Convergence Consumer," Creative Destruction ed. Lee McKnight, MIT Press, Winter (Cambridge, MA) 2000. pp. 213-228

B-04. L. Jean Camp, "Community Considered," democracy.com? Governance in a Networked World, Hollis Publishing (Hollis, NH) 1999

B-03. L. Jean Camp, D. Riley, "Bedrooms, Barrooms & Board Rooms on the Internet: The Failure of Media Types in Cyberspaces" Selected Papers from the 1996 Telecommunications Policy Research Conference, eds. G.L. Rosston & D. Waterman; Lawrence Erlbaum Associates (NY, NY) 1997.

B-02. L. Jean Camp, "We Are Geeks, and We Are Not Guys: The Systers Mailing List," Wired Women: Gender and New Realities in Cyberspace, eds., L. Cherny & E. Weise, The Seal Press, (Seattle, WA) January 1996. reprinted: The [Next] Reader: Reading and Writing Critically About Popular Culture, ed. Laura Gray-Rosendale (McGraw-Hill)

B-01. M. Feldman, L. Jean Camp, J. Stack & J. Morris, "Optical Interconnects," Chapter 7: Design Issues in Optical Computing, ed. John Lee, Cambridge University Press (Cambridge, MA) 1993

### Peer-Reviewed Journals & Magazines

C-55. Sanchari Das, Christena Nippert-Eng, and L. Jean Camp. "Evaluating user susceptibility to phishing attacks", Information & Computer Security 30:1, pp. 1–18. https://doi.org/10.1108/ics-12-2020-0204. (2022)

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D-81. P. Caven, S. Gopavaram, and L. Jean Camp, "Integrating Human Intelligence to Bypass Information Asymmetry in Procurement Decision-Making". MILCOM Military Communications Conference (Bethesda, MD) 28 November – 2 December 2022.

D-80. Jacob Abbott, Jayati Dev, DongInn Kim, Shakthidhar Gopavaram, Meera Iyer, Shivani Sadam, Shrirang Mare, Tatiana Ringenberg, Vafa Andalibi, and L Jean Camp, "Privacy Lessons Learnt from Deploying an IoT Ecosystem in the Home" European Symposium on Usable Security (Karlsruhe, Germany) 29 & 30 September 2022.

D-79. Vafa Andalibi, Erfan Sadeqi Azer, L. Jean Camp, "Criteria and Analysis for Human-Centered Browser Fingerprinting Countermeasures", Hawaii International Conference on System Sciences (HICSS) 3-7 January 2022 (virtual) Best Paper Nominee

D-78. V Andalibi, E Lear, and L Jean Camp, "Is Visualization Enough? Evaluating the Efficacy of MUD-Visualizer in Enabling Ease of Deployment for Manufacturer Usage Description (MUD)", ACSAC '21 December 2021. (extended version published in Springer, see below)

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D-74. Das S, Kim A, Camp LJ. "Organizational Security: Implementing a Risk-Reduction-Based Incentivization Model for MFA Adoption", International Conference on Financial Cryptography and Data Security 2021 Mar (virtual)

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D-71. Jayati Dev and L. Jean Camp, "User Engagement with Chatbots: A Discursive Psychology Approach", 2nd Conference on Conversational User Interfaces (CUI '20) ACM, New York, NY, USA, Article 52, 1–4. 22-24 July 2020

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D-69. P Unchit, S Das, A Kim, and. L. Jean Camp. "Quantifying Susceptibility to Spear Phishing in a High School Environment Using Signal Detection Theory." 14th HAISA: Human Aspects of Information Security & Assurance (zoom) 13-15 July 2020

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D-06. L. Jean Camp & Brian Anderson, "Deregulating the Local Loop: The Telecommunications Regulation Path Less Chosen as Taken by Bangladesh," INET 2000, (Yokohama, Japan) 18-21 July 2000. Best paper award. Extended version published in International Journal of Technology Policy and Management, see above.

D-05. L. Jean Camp & Donna Riley, "Bedrooms, Barrooms & Board Rooms on the Internet: The Failure of Media Types in Cyberspaces" A previous version presented at Virtue & Virtuality: A Conference on Gender, Law and Cyberspace, MIT (Cambridge, MA) 19-20 April 1996. Later included in Selected Papers from the 1996 Telecommunications Policy Research Conference, as noted above.

D-04. D. Evensky, A. Gentile, L. Jean Camp, & R. Armstrong, "Lilith: Scalable Execution of User Code for Distributed Computing,", 6th IEEE International Symposium on High Performance Distributed Computing, HPDB-6, pp. 123-145. (Portland, OR) 6 August 1997

D-03. L. Jean Camp & D. Riley, "Protecting an Unwilling Electronic Populace," Proceedings of the Fifth Conference of Computers Freedom and Privacy, ), pp. 120-139, (San Francisco, CA) 28-31 March 1995

D-02. L. Jean Camp & M. Sirbu, "Networking Strategy at the Travelers' Insurance," Proceedings of ACM SIG in Computer Personnel Research Conference, pp 450-463 (St. Louis, MO,) April 1993

D-01. M. Feldman, & L. Jean Camp, "Guided-wave and free-space optical interconnects for multi-chip modules" Optical Society of America's Annual Meeting, (Boston MA) Nov. 1990.

## Peer Reviewed Workshops

E-53. Dalyapraz Manatova, Dewesha Sharma, Sagar Samtani, & L. Jean Camp "Exploring Social Network of Trust Across Major Crime Types in an Underground Forum", eCrime Symposium, 30 November 2022 (zoom)

E-52. H. Hadan, N. Serrano, and L. Jean Camp, "Governing the PKI Infrastructure", Transatlantic Quantum Forum 16-17 September 2022 (UCLA, TUM, & Yale simultaneous)

E-51. Zitao Zhang, Jacob Abbott and L Jean Camp, Building An Authentication Infrastructure—Designing a Two Factor Authentication Hardware Token with Form Factor that Encourages Engagement, Telecommunications Policy Research Conference, Available at SSRN 4177411 (2022)

E-50. Shakthi Gopavaram, Jayati Dev & L Jean Camp, "Creating Effective Labels", USENIX Conference on Privacy Engineering Practice and Respect 23–24 June 2022 (Santa Clara, CA)

E-49. Jayati Dev, Tatiana Renae Ringenberg, & L Jean Camp, "Privacy and Respectful Discourse in AI Chatbots", USENIX .Conference on Privacy Engineering Practice and Respect 23–24 June 2022 (Santa Clara, CA)

E-48. Tatiana Renae Ringenberg, Lorraine G. Kisselburgh, and L Jean Camp, "A Way Forward: What We Know (or Not) about CSAM & Privacy", USENIX Conference on Privacy Engineering Practice and Respect, 23–24 June 2022 (Santa Clara, CA)

E-47. S. Gopavaram, S. Das, and L Jean Camp, "Leveraging Human Factors to Stop Dangerous IoT", Enigma, 2 February 2022 (virtual)

E-46. Donginn Kim, Vafa Andalibi and Jean Camp , "Protecting IoT Devices through Localized Detection of BGP Hijacks for Individual Things", SafeThings 2021 IEEE Workshop on the Internet of Safe Things a workshop of IEEE Symposium on Security & Privacy, 27 May 2021 (virtual)

E-45. V. Andalibi, E. Lear, D. Kim & L. J. Camp,. On the Analysis of MUD-Files' Interactions, Conflicts, and Configuration Requirements Before Deployment" 5th EAI International Conference on Safety and Security in Internet of Things, (SaSeIoT) 25 April 2021

E-44. L Jean Camp, "Machine Learning on Big Data < &, or, with> Local Private Data", Science of Security Seminar on Hard Problems, National Security Agency (Hopkin Virtual Platform online) 14 April 2021

E-43. L Jean Camp, "All Security Is Good(s): Design Guidance for Economics", Enigma (San Francisco, CA) 27-29 January 2020

E-42. Donginn Kim, Vafa Andalibi and L. Jean Camp, "Fingerprinting Edge and Cloud Services in IoT", Systematic Approaches to Digital Forensic Engineering: SADFE 2020 (NY, NY) 14-15 May 2020

E-41. Sanchari Das, Andrew Kim, Shrirang Mare, Joshua Streiff, Dominique Clark and L Jean Camp "Security mandates are pervasive: An inter-school study on analyzing user authentication behaviour", Humans and Cyber Security (Los Angeles, CA) 13 December 2019.

E-40. S Das, J Dev, LJ Camp, "Privacy Preserving Policy Framework: User-Aware and User-Driven", Telecommunications Policy Research Conference (Washington, DC) 20-21 Sept. 2019

E-39. H Hadan, Nicolas Serrano, Sanchari Das, and Jean Camp, "Making the IoT Worthy of Human Trust", Telecommunications Policy Research Conference (Washington, DC) 20-21 Sept. 2019

E-38. Nicolas Serrano, H. Hadan, Sanchari Das, and Jean Camp, "PKI: A complete study of a history of incidents, failures and misbehaviors", Telecommunications Policy Research Conference: TPRC (Washington, DC) 20-21 September 2019

E-37. Jonathan Schubauer, David Argast, Jean Camp and Sameer Patil, "Code, Culture, and Market Reform: Examining Influences on Android Permissions in the United States, South Korea, and Germany", Telecommunications Policy Research Conference (Washington, DC) 20-21 Sept. 2019

E-36. Sanchari Das, Andrew Kim, Ben Jelen, Joshua Streiff, L. Jean Camp, and Lesa Huberk, "Two Factor Authentication and Older Adults Towards Designing Inclusive Authentication Technologies for Older Adults" IEEE Smart World Congress, (DeMontford University, DeMontford UK) 19 -23 August 2019

E-35. J Abbott, D Calarco, LJ Camp, "Factors Influencing Password Reuse: A Case Study" TPRC Telecommunications Policy Research Conference (Washington, DC) Sept. 2018

E-34. K Benton, Martin Swany, and Jean Camp, "Preventing Data Exfiltration via Political and Geographic Routing Policies", Telecommunications Policy Research Conference (Arlington, VA) 30 Sept. - 2 October 2016

E-33. Rajivan, Prashanth, and Jean Camp. "Influence of Privacy Attitude and Privacy Cue Framing on Android App Choices." Workshop on Authentication associated with the Twelfth Symposium on Usable Privacy and Security, USENIX Association (Denver, CO) 22 June 2016

E-32. K. Bathina, Shakthidhar Gopavaram, & L Jean Camp, "Big Bad Wolf: Measuring Online Risk Behavior", Bridging the Gap Between Privacy By Design and Privacy in Practice, a CHI Workshop. (San Jose, CA) 7 May 2016

E-31. Dong, Zheng, Kevin Kane, L Jean Camp, "Phishing in Smooth Waters: The State of Banking Certificates in the US", TPRC: Telecommunications Policy Research Conference, (Arlington, VA) 2014

E-30. V. Garg, K. Benton, and L.J. Camp, "The Privacy Paradox: A Facebook Case Study", 2014 TPRC: Telecommunications Policy Research Conference (Arlington VA) 12-14 September 2014

E-29. Vaibhav Garg and L Jean Camp, "Spare the Rod Spoil the Security?", TPRC: Telecommunications Policy Research Conference, (Arlington, VA) 26-30 September 2013

E-28. V. Garg & LJ Camp, "Macroeconomics of eCrime", Security and Human Behavior (NY, NY) 4-5 June 2012

E-27. Huber, L., Camp, L.J., Garg, V., Borrero, L. (2012). Staying safe online: How to protect your money and your privacy. Assoc. for Gerontology in Higher Education 38th Annual Meeting (Arlington, VA) 23-26 February 2012

E-23. L. J Camp, "People Taking Risks Online", Security and Human Behaviors, (MIT, Cambridge MA) 11 June 2009

E-22. Vaibhav Garg & L. Jean Camp, "Mental Models of Security" Security & Human Behavior, (MIT Cambridge MA) 2-3 July 2008

E-21. L. Jean Camp, L. Huber, & Kay Connelly, "Designing Ubicomp with Privacy Constraints Defined by Users", Nurturing Technologies in the Domestic Environment: Feeling Comforted, Cared for, and Connected at Home, workshop held in conjunction with Ubicomp 2006. (Orange County, CA) 18 Sept. 2006

E-20. L. Jean Camp and Cathleen McGrath and Alla Genkina, "Security and Morality: A Tale of User Deceit," Models of Trust for the Web MTW'06, (Edinburgh, UK) 22 May 2006.

E-19. L. Jean Camp & Allan Friedman, "Peer Production of Privacy and Security Information", Ethical Surveillance (Austin TX) 8-10 June 2005. draft Telecommunications Policy Research Conference (Alexandria, VA) 23- 25/9/2005

E-18. L. Jean Camp, Kay Connelly, & Kalpana Shankar, "Design for Privacy: Towards a Methodological Approach to Trustworthy Ubicomp Design", Ethicomp 2005 (Linköping, SE) 12-15 September 2005

E-17. Allan Friedman, Alla Genkina and L. J Camp, "Net Trust: Designing for Human Trust Perception", Trustworthy Interfaces for Passwords & Personal Information (Stanford, Palo Alto, CA)13 June 2005.

E-16. L. Jean Camp & Allan Friedman, "Peer to Peer Security," Telecommunications Policy Research Conference (Washington, DC) 19-21 September 2003.

E-15. Allan Friedman & L. Jean Camp, "Making Security Manifest," Second Workshop on the Economics of Information Security (College Park, MA) May 2003.

E-14. L. Jean Camp, "'Marketplace incentives to prevent piracy': An incentive for security," First Workshop on the Economics of Information Security (Berkeley, CA) May 2002.

E-13. S. Syme & L. Jean Camp "The Governance of Code: Is Code Governance?" Ethicomp: The Social and Ethical Impacts of Information and Communications Technologies, Technical University of Gdansk (Gdansk, Poland) 18-20 June 2001, Vol. 1 pp. 127-145.

E-12. S. Syme & L. Jean Camp, "Code as Embedded Speech, Machine, or Service," Ethicomp: The Social and Ethical Impacts of Information and Communications Technologies, Technical University of Gdansk (Gdansk, Poland) Vol. 1 pp. 92-115, 18-20 June 2001

E-11. S. Chan & L. Jean Camp, "Towards Coherent Regulation of Law Enforcement Surveillance", Ethicomp: The Social and Ethical Impacts of Information and Communications Technologies, Technical University of Gdansk, (Gdansk, Poland) Vol. 2 pp. 86-101, 18-20 June 2001

E-10. L. Jean Camp, & Carolyn Gideon, "Certainty in Bandwidth or Price," The 29th Research Conference on Communication, Information and Internet Policy (Washington, DC) October 2000

E-09. L. Jean Camp & Catherine Wolfram, "Pricing Security," CERT Information Survivability Workshop, (Boston, MA) 24-26 Oct. 2000, pp. 31-39. Later included in The Economics of Information Security, Chapter 2, pp. 17-34.

E-08. L. Jean Camp, "Code, Coding and Coded Perspectives," Association of Internet Researchers (Lawrence, KS) 14-17 September 2000.

E-07. L. Jean Camp, "Privacy and Security Implications of Quality of Service Mechanisms," MIT Workshop On Internet Service Quality Economics (Cambridge. MA) 2-3 December 1999

E-06. L. Jean Camp & B. Anderson, "Expansion of Telecommunications Infrastructure in Emerging Nations: The Case of Bangladesh," Telecommunications Policy Research Conference (Alexandria, VA) 25-26 September 1999.

E-05. L. Jean Camp, "Democratic Implications of Internet Protocols", DIMACS Workshop on Design for Values: Ethical, Social and Political Dimensions of Information Technology, (Princeton NJ) Feb. 28 - March 1, 1998.

E-04. L. Painton, T. Gaylor, L. Jean Camp, C. Phillips, G. Wyss, "Risk-Based Characterization of Network Vulnerability," CERT Information Survivability Workshop, 12 - 13 Feb. 1997 (San Diego, CA) pp. 62-64.

E-03. L. Jean Camp, Michael Harkavy, J.D. Tygar and Bennet Yee, "Anonymous Atomic Transactions," 2nd USENIX Workshop on Electronic Commerce Proceedings, November 1996 (Oakland, CA) pp. 123-134.

E-02. L. Jean Camp, M. Sirbu & J. D. Tygar, "Token and Notational Money in Electronic Commerce," Proceedings USENIX Workshop on Electronic Commerce, July 1995, New York, NY, pp. 1-12.

E-01. L. Jean Camp, M. Sirbu & J. D. Tygar, "Implications of token and notational money in Internet commerce," Telecommunications Policy Research Conference, (Solomons Island, MA) October 1994.

## Symposia

F-05. Jacob Abbott, Pratik Patel, Zheng Dong, Kevin Kane, David Cooper, "X.509 in Practice (It's worse than you think)", Real World Crypto, 4-6 January 2017.

F-04. L. Jean Camp, "Security and Privacy Interactions as Risk Communication" AAAS Annual Meeting. (San Jose, CA) 12-16 Feb 2015

F-03. Kalpana Shankar , Lesa Huber. L. Jean Camp, Kelly E. Caine, and Katherine H. Connelly. "Finding the Older User in Home-Based Computing Studies", Society on Gerontechnology International Symposium of Automation and Robotics in Construction (ISG*ISARC 2012) (Eindhoven, NL) 26-29 June 2012

F-02. L. Jean Camp, "Human Autonomy in the Age of Active Aware Pervasive Computing", AAAS Annual Meeting, (St. Louis MO) 16-18 February 2006.

F-01. L. Jean Camp, "Digital Identity," International Symposium on Technology and Society 2003—Crime Prevention and Security (Amsterdam, NL) 24 - 26 September 2003.

## Editor-Selected Journal & Magazines

G-12. L. Jean Camp, "Using ML to Block BGP Hijacking", ;login:, Vol. 44, No. 4, Winter 2019

G-11. L Jean Camp, "Respecting People and Respecting Privacy", *Communications of the ACM*, 58(7), 27-28. 2015

G-10. Sasse, M. A., Palmer, C. C., Jakobsson, M., Consolvo, S., Wash, R., & Camp, L. J. (2014) "Helping You Protect You" *IEEE Security & Privacy*, Vol. 12, No. 1, Dec. 39-42. 2014

G-09 L. Jean Camp, "Identity and Incentives", *IEEE Security & Privacy*, Vol. 8, No. 6, pp 90-94. Nov. 2010

G-08. L. Jean Camp, "A Life or Death InfoSec Subversion", *IEEE Security & Privacy*, with Camilo Viecco, Vol. 6, No. 5, pp. 74-76, Sept./Oct. 2008

G-07. L. Jean Camp, review: "Power & Security in the Information Age", *Information, Communication & Society,* 2008

G-06.  L. Jean Camp, "Extended Abstract: Mental Models of Computer Security", Proceedings *of Financial Cryptography 2004, Lecture Notes in Computer Science*, Springer-Verlag (Berlin) September 2004

G-05.  L. Jean Camp, "Access Denied," *IEEE Security & Privacy*, Vol. 1, No. 5, pp. 82-85, Sept./Oct. 2003

G-04.  L. Jean Camp,  "Computer Attacks have focused on the wrong issues," *Boston Globe,* A8, Feb. 17, 2000

G-03.  L. Jean Camp, "Grameen Phone: Empowering the Poor Through Connectivity," *iMP: The Magazine on Information Impacts,* with Brian Anderson*,* December 1999

G -02. L. Jean Camp, "Why do Phil's Travails Matter?," *IEEE IMPACT*, pp. 1, August 1995

G-01.  L. Jean Camp, "Cryptography Policy Needs Another Look," *IEEE Spectrum*, Vol. 31, No. 6, pp. 15-16 6/94

## Other Works

H17. Recognized as a contributor to "Types of Software Bill of Material (SBOM) Documents", Department of Homeland Security CISA SBOM Tooling Working Group, (4/2023) https://www.cisa.gov/sites/default/files/2023-04/sbom-types-document-508c.pdf

H16. Natnatee Dokmai and L Jean Camp and Ryan Henry, "A proposal for assisted private information retrieval in DNS", *Cryptology ePrint Archive* (2022)

H15. L. Jean Camp, "Does Biden's cybersecurity order go far enough?", Brookings Institute Tech Tank Blog, 24 June 2022 (https://www.brookings.edu/blog/techtank/2022/06/24/does-bidens-cybersecurity-order-go-far-enough/)

H14. S. Nepal, R. Ko, M. Grobler & L. J. Camp, "Human-Centric Security and Privacy" *Frontiers in Big Data*, 10.

H13. J. Dev,  S. Gopavaram, E. Gumusel, L.J. Camp, "A Consumer-focused Modular Approach to Labeling IoT Devices and Software". *Response to NIST Calls for Submission to the Workshop on In Workshop and Call for Papers on Cybersecurity Labeling Programs for Consumers: Internet of Things* (IoT), (Gaithersburg, MD) September 2021

H12. L.J. Camp, S. Gopavaram, J. Dev, E. Gumusel "Lessons for Labeling from Risk communication". *Response to NIST Calls for Submission to the Workshop on In Workshop and Call for Papers on Cybersecurity Labeling Programs for Consumers: Internet of Things* (IoT), September 2021

H11. S. Gopavaram, J. Dev, E. Gumusel, L.J. Camp, "Going Beyond Labels". *Response to NIST Calls for Submission to the Workshop on In Workshop and Call for Papers on Cybersecurity Labeling Programs for Consumers: Internet of Things* (IoT), September 2021

H10. L. Jean Camp and Vafa Andalibi, "SBoM Vulnerability Assessment & Corresponding Requirements", *Response to Notice and Request for Comments on Software Bill of Materials Elements and Considerations*, 17 June 2021

H-09. T Davis, JM Peha, E Burger, LJ Camp, D Lubar, "Risking it All: Unlocking the Backdoor to the Nation's Cybersecurity", *A White Paper prepared by The IEEE-USA Committee on Communications Policy* (CCP). Available at http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2468604

H-08. L. J. Camp, L. Cranor, N. Feamster, J. Feigenbaum, S. Forrest, D. Kotz, W. Lee, P. Lincoln, V. Paxson, M. Reiter, R. Rivest, W. Sanders, S. Savage, S. Smith, E. Spafford, S. Stolfo., "*Data for cyber-security research: Process and "wish list"*", 10 June 2009, http://www.gtisc.gatech.edu/filesnsf10/data-wishlist.pdf

H-07.  L. Jean Camp, "Voting and Vote Counting: The Annotated Best Practices", Institute of Politics, Harvard, (Cambridge, MA) July 2004. Distributed as model research by Harvard University's Kennedy School of Government to all attendees of the Democratic National Convention

H-06.  L. Jean Camp, "Identity in Digital Government: A Research Agenda", Harvard, Nov. 2003. Over 200 copies distributed by the National Science Foundation and the Kennedy School of Government

H-05. L. Jean Camp, "A Review of the Seventh Financial Cryptography," *CIPHER*, Issue 53, May 2003

H-04.  L. Jean Camp, "Internet Voting is No Solution", Belfer Center for Science and International Affairs, http://belfercenter.ksg.harvard.edu/publication/3398/jean_camp.html

H-03.  L. Jean Camp, "Security & Privacy Lost," *CPSR Journal*, Vol. 19, No. 1, Fall 2001

H-02.  L. Jean Camp, "A Review of Financial Cryptography," *CIPHER*, Issue 42, May 1, 2001.

H-01.  R. Morris & L. Jean Camp, "Wine on the Wire: Press Coverage of Internet Commerce", Shorenstein Center on the Press, Politics, & Public Policy Working Paper Series, 6 Feb. 1999.

## Extended Abstracts & Abstracts

I-10 Laura Calloway, Lesa Huber, L Jean Camp, "Privacy and Usability in COVID Enrollment Apps", Innovation in Aging 5(Suppl 1), 661-662, Oxford University Press, 2021 (abstract)

I-09. Joshua Streiff, Connie Justice, and L Jean Camp. Escaping to Cybersecurity Education: Using Manipulative Challenges to Engage and Educate. 13th European Conference on Games Based Learning, 1046--1050, 2019.

I-08. Sanchari Das, Joshua Streiff, Lesa Lorenzen-Huber, and L Jean Camp, "Why Don't Elders Adopt Two-Factor Authentication? Because They Are Excluded by Design" Gerontological Society of America (GSA) Annual Scientific Meeting (Austin, TX) 13- 17 November 2019 (abstract)

I-07. K Benton, Jean Camp, Timothy Kelley and Martin Swany, "Filtering IP Source Spoofing using FPRPF with SDN", IEEE CNS: Conference on Communications and Network Security (Florence, IT) 28-30 September 2015. (extended abstract)

I-06. K. Caine, K., Connelly, L. J. Camp, L. Huber, K. Shankar & C. Zimmerman, "DigiSwitch: Control Panel for Home Monitoring Technologies", 100 Designs and Technologies for Healthy Aging. Morgan and Claypool, (Atlanta, GA ) 30 May 2015. (abstract)

I-05. L. Jean Camp, "SIGCHI Extended Abstracts: Design for Values in Security and Security Education", CHI 2014 Workshop on Values & Design in HCI Education, (Toronto, CN) 27 April 2014. (extended abstract)

I-04. L. Jean Camp, "Common Pool and Crowdsourcing in Health Informatics", WOW Workshop on Ostrom Workshops, Indiana University (Bloomington, IN) 18-20 June 2014. (extended abstract)

I-03. Kevin Benton, L Jean Camp & Chris Small, "OpenFlow Vulnerability Assessment", HotSDN, August 2013, (Hong Kong) (extended abstract)

I-02. Vaibhav Garg & L Jean Camp, "Macroeconomic Analysis of Malware", NDSS (San Diego, CA) 24-27 February 2013, (extended abstract)

I-01. L. Jean Camp, D.A. Evensky, "Survivability & Trust," Research Directions for the Next Generation Internet (Washington, DC) 12-14 May 1997. (extended abstract)

## Sample Posters (please note undergraduate authors)

J-19. William Smeal, Yash Kumar, Vaibhav Vishwanath, L. Jean Camp and Alexander Alexeev, "Phishing Resiliency Across Socio-Cultural Spheres: Cyrillic Orthographic Zone vs. The Five Eyes" Annual Computer Security Applications Conference (Austin, TX) 4-8 December 2022

J-18. Laura Calloway, Lesa Huber, L Jean Camp, "Privacy and Usability in COVID Enrollment Apps", Gerontology Society Annual Meeting, (virtual) 10 -13 November 2021

J-17. Skyler Johnson, Katherine Ferro, L. Jean Camp, Hilda Hadan, "Human and Organizational Factors in Public Key Certificate Authority Failures", ACM CCS 2021 (virtual) 15-19 November 2021

J-16. Ashley Boucher, Jacob Abbott, L Jean Camp, "Potential Reuse of University Credentials", Symposium on Usable Security and Privacy (virtual) 8-10 August 2021

J-15. Sanchari Das, Jacob Abbott, and L. Jean Camp, "Beyond Blocking: Instrumenting Simple Risk Communication for Safer Browsing", Midwest Security Workshop (Urbana-Champaign, IL) 14 April 2018

J-14. Joshua Streiff, Olivia Kenny, Sanchari Das, Andrew Leeth, and L. Jean Camp, "Who's Watching Your Child? Exploring Home Security Risks With Smart Toy Bears", 3rd ACM/IEEE International Conference on Internet of Things Design and Implementation (Orlando, FL) 27-30 April 2018

J-13. Andrew Dingman, Gianpaolo Russo, George Osterholt, Tyler Uffelman and L. Jean Camp, "Good Advice That Just Doesn't Help", 3rd ACM/IEEE International Conference on Internet of Things Design and Implementation (Orlando, FL) 27-30 April 2018

J-12. Jayati Dev, Sanchari Das, L. Jean Camp, "Understanding Privacy Concerns of WhatsApp Users in India", HotSOS (Hanover, MD) 4-5 April 2018

J-11. Sanchari Das, DongInn Kim, Timothy Kelley, and L. Jean Camp, "Grifting in the Digital Age Analyzing Risk Communication Tools", FTC Privacy Con (Washington, DC) 28 February 2018

J-10. Shakti Gopavaram, Omkar Bhide, L Jean Camp "Can you hear me now?", FTC Privacy Con (Washington, DC) 28 February 2018

J-09. Kaushik Srinivasan, Omkar Bhide, Jean Camp, Steven Myers, "Manufacturer Usage Description Specification (MUDS) for the Internet of Things (IoT)", FTC Privacy Con (Washington, DC) 28 February 2018

J-08. J, Schubauerm D, Arghast, L. Jean Camp, "Lessig was Right: Influences on Android Permissions", FTC Privacy Con (Washington, DC) 28 February 2018

J-07. Clint McElroy, Pablo Moriano and Jean Camp. "On Predicting BGP Anomalous Incidents: A Bayesian Approach", Network and Distributed Systems Security, (San Diego, CA) 24-27 February 2018

J-06. P. Morano, L Jean Camp, "Macroeconomic Analysis of Routing Anomalies", Telecommunications Policy Research Conference Posters, (Arlington, VA) 2016. Best Poster Award

J-05. S. Chen, Timothy Kelley, Zheng Dong, and L. Jean Camp, "The Effects of HeartBleed on Certificate Change: Meh", Annual Computer Security Applications Conference (Los Angeles, CA) 7 – 11 December 2015.

J-04. Jacob Abbott, Violeta Moreno, & L. Jean Camp, "Password Differences based on Language and Testing of Memory Recall", Annual Computer Security Applications Conference, (New Orleans, LA), 7-11 Dec. 2014.

J-03. Mariana Cains, Diane Henshel, Jean Camp, Alex Alexeev, Tim Kelley, and Jacob Abbott, "Holistic Cyber Security Risk Assessment Framework", Society for Risk Analysis Annual Meeting (Denver, CO) 7-10 Dec. 2014

J-02. Z. Dong, A. Kapadia and L Jean Camp, "Pinning and Binning: Building Whitelists and Blacklists Using Machine Learning", ACSAC (New Orleans, LA) 3-7 December 2013

J-01. L. Jean Camp, Warigia Bowman & Allan Friedman "Voting, Vote Capture & Vote Counting Symposium," 6th Annual National Conference on Digital Government Research, (Atlanta, GA). pp. 198 – 200, 15-18 May 2005

### Invited Presentations

"SBOM: An Economic Protocol", Crane Naval Surface Warfare Center Distinguished Lecture Series, (Bedford, IN) 16 May 2023.

"Mobile and Software Lemons Markets". New Zealand Cybersecurity Summer School (Queensland, NZ) 20-23 February 2023.

"SBOM: A Cure for the Lemons Market in Security" The Cybersecurity Forum, UMD (College Park, MD) 11 January 2023.

"Creating a Market for Safe, Secure Software", Program on Geopolitics, Technology and Governance, Stanford University, (Stanford, CA) 22 November 2022

Discussant. Fifth Junior Scholars Law and STEM conference, Northwestern Law School (Chicago, IL) 21-22 October 2022

"Trust and Risk", National Security Agency Speaker Series, (Fort Meade, MD) 25 June 2022

"SBOM", Cybersecurity Panel Series, Computer Society IEEE Virginia and Maryland (virtual) participant with Allan Friedman, Tom Alrich, Steven Pruskowshi. 23 May 2022

"Transparency, Labels, and SBoM: Securing the Supply Chain", Panel Chair, ACSAC (virtual) with participants Allan Friedman, Kevin Kane, Daniel Hein, and Zack Tudor. 8 Dec 2021

"Why Apple Scanning Matters", Keio University Global Research Institute Seminar (virtual) 27 September 2021

"Apple in the Context of Mass Surveillance", Tax Law Seminar, (virtual) 20 October 2021.

"Fear, Risk and Phishing Resilience Across the Five Eyes", Security & Human Behavior, (virtual) June 2021 (with Shakthidhar Reddy Gopavaram, Jayati Dev, Marthie Grobler, DongInn Kim, Sanchari Das)

"Examining the Socio-Technical Ecosystem (STeS)", Invited Workshop Participant, The Alan Turing Institute, 25 February 2021

"Human-center Security", Panel, Humans And Cyber Security (HACS2020), IEEE CIC Conference 12/2/2020

"The Role of the Consumer in IoT Security", Workshop on Cybersecurity Risks in Consumer Home IoT Products, NIST, October 22, 2020

L. Jean Camp, Drew Cohen, Eliot Lear, Mudumbai Ranganathan, Darshak Thakore, "Panel: Access Management for the Internet of Things into Practice with MUD", February 27, 2020, RSA 2020 (San Francisco, CA)

"Studies of 2FA, Why Johnny Can't Use 2FA and How We Can Change That?", RSA (San Francisco, CA) 5 March 2019.

"The Forgotten Promise and the Potential for Future Trust", National Science Foundation Seminar, Dec. 2019

"Why Don't People Use Security Tools", University College London (London, UK) 22 July 2019

"Why Don't People Use Security Tools", Information Sciences Institute (Marina del Rey, CA) July 2019

"Why People Don't Use 2FA", Center for Long Term Cybersecurity Seminar, University of California (Berkeley, CA) 23 January 2019

"Two Factor Authentication Usable or Not?" Black Hat Webinar, (Webinar) 29 November 2018

"The Economics of Trust on the Network, or Routing as Reckoning " IEEE and University of Wisconsin Madison, (Madison, WI) 8 November 2018

"Routing as a Commons", The Privacy Commons Symposium at Villanova University (Philadelphia, PA) 12/10/18

"Where do we go from here? "Security & Human Behavior, (Pittsburgh, PA) 24-25 May 2018-12-02 "Peeling the Lemons Market in Privacy for Mobile Apps", La Trobe University (Victoria, AU) 26 April 2018

"Risk Communication & Online Risk", CSIRO (Melbourne, AU) 11 April 2018

"The Economics of Trust on the Network, or Routing as Reckoning", Commonwealth Scientific and Industrial Research Organisation (Sydney, AU) 30 March 2018

"Security as Risk Communication: Usability it Not Enough", Data61 Cyber Summer (Melbourne, AU) 12/2/2018

Panel: Big Data Sharing for Security: Is "Big Data" Worth It?, Annual Computer Security Applications Conference (ACSAC) (Orlando, FL) 7 December 2017

Panel: Anti-phishing guidelines: Do they help or hurt?", SocioTechnical Aspects in Trust and Security (Orlando, FL) 5 December 2017

"Security Awareness", Unifying the Global Response to Cybercrime Summit, United Nations (Vienna, AT) 31 August 2017

"Routing Anomalies as Crime, Intelligence, or Incompetence: Macroeconomic Evidence and Effective Responses", Siemens Research Presentation (Munich, DE) 18 Nov 2016

"User-centered Security & Risk Communication", Assessing ICT Security Risks in Socio-Technical Systems Dagstuhl-Seminar (Dagstuhl, DE) 17 Nov 2016

"Beyond Binary: Gender and AI", ACM Workshop on Algorithmic Transparency & Accountability, (Philadelphia, PA) 28 October 2016

"SDN in the Ecosystem" Network Attack Detection and Defense - Security Challenges and Opportunities of Software-Defined Networking Dagstuhl-Seminar (Dagstuhl, DE) 5 Sept 2016

"Education, Awareness, Expertise", Symposium on Global Cybersecurity Awareness, (Bern, SW) 1 Sept 2016

"Too Much Too Late: Making Android Permissions Work", UC Berkeley, (Berkeley, CA) 15 March 2016

Future of Privacy Panel: David Chaum (Voting Systems Institute), Florian Kerschbaum (SAP), Adi Shamir (The Weizmann Institute of Science, Israel), Avi Rubin (JHU), Jean Camp (Indiana University) Financial Cryptography, 24 February 2016

"Cyber War and, or, vs. Cyber Crime", Valparaiso University (Valparaiso, IN), 8 Feb 2016

"Human-Centered Security Changes Human Security Behavior", Department of Homeland Security Tech Showcase (Washington, DC) 5 February 2016

"Beyond Usability & Economics to Trustworthiness", HIMSS Privacy & Security Forum, (Boston, MA) 2/12/15

"Cryptography and Competition", Blouin Creative Leadership Summit (NY, NY), 21-22 September 2015

"Cyber War: Don't Say It", UIUC ACDIS Summer Workshop in International Security, UIUC, 10 June 2015

"Designing for People: Helping the People Participating with us on the Network", The Googleplex, (Mountain View, CA) 18 March 2015

"Translucent Security", NC State University, (Raleigh, NC) 4 December 2014

"Usability and Economics", Department of Electrical and Computer Engineering Distinguished Lecture Series, Kansas State, (Manhattan, Kansas) 24 October 2014

"Computer Security, Competitiveness, and the NSA", Blouin Creative Leadership Summit (NY, NY), 23-24/9/14

"Helping the People Participating with us on the Network", Google, (Zurich, CH) 21 August 2014

Lesa Huber, L Jean Camp, "People, Privacy, and Peer Production", Summer School Utrecht, University Utrecht, (Utrecht, NL) 7 July 2014

"Bridging Engineering and Policy", ASEE Annual Meeting (Indianapolis, IN)17 June 2014

"Aligning Authentication with Human Cognition, aka Making Passwords Work", Security and Human Behavior, Cambridge University, (Cambridge UK) 9-11 June 2014

"Beyond Usability and Economics: Translucent Security", University of North Carolina School of Library and Information Science Kilgore Lecture, (Chapel Hill, NC) 17 March 2014

"Why So Little Security?", UC Davis, CSEC CRA Working Presentation (San Diego, CA) 26 February 2014

"Hardening the Software Defined Network, University of California at Riverside, CSEC CRA Working Presentation (Riverside, CA) 25 February 2014

"Trust in the Physical and Virtual Worlds", (Dis)Embodiment Conference, Meiji University (Tokyo, JP) 16/12/13

"Designing for Trust", RSA Invited Speaker (Bedford, MA) 5 November 2013

"Security Designers are the Weakest Link", Communications Futures Program (CFP) Speaker Series CSAIL MIT, (Cambridge, MA) 22 October 2013.

"Security as a Common Pools Good", 2013 Blouin Creative Leadership Summit, Metropolitan Club (New York, NY) 25 September 2013.

"Security, Usability, and Why We Have Neither", HotSec '13: 2013 USENIX Summit on Hot Topics in Security (Washington, DC) 13 August 2013

"Conducting Research Using Data of Questionable Provenance", CSET: Workshop on Cyber Security Experimentation and Test (Washington, DC) 12 August 2013

"Translucent Security" Risk Perception in IT Security and Privacy (RP-IT) Workshop, A SOUPS Workshop, Newcastle upon Tyne, 26 July 2013

"Economics of Cybersecurity", National Grid Cyber-security Research Centre, University of Aberdeen, (Aberdeen, UK) 15 March 2013

"Enabling Cybersecurity", Horizon Digital Economy, U. of Nottingham (Nottingham, UK) 13 March 2013

"Risk Communication for Cybersecurity", Computer Science and Telecommunications Board, National Academy of Sciences, (Washington, DC) 12 March 2013

"A Decade of Interdisciplinary Research", I3P Tenth Anniversary, National Press Club (Washington, DC) 10/13

"Translucent Security", School of Computer Security Seminar Series, University of North Carolina Charlotte, (Charlotte, NC) 3 May 2011

"Human Behaviors and Security", National Press Club (Washington, DC) 8 March 2011

V. Garg, L. Jean Camp, "Privacy Framework for Older Adults", Workshop on Security and Human Behavior, (CMU, Pittsburgh, PA) 17-18 June 2011

V. Garg & L. Jean Camp, "How Safe is Safe Enough: The Online Version", Workshop on Security and Human Behavior, (Cambridge, UK) 28-29 June 2010.

"Online Economics Behaviors: Taking Risks", Security Economics Workshop (London, UK) 26 June 2009

"Exactly What Is it That You Will Never Admit? Challenges to User-Centered Research in Privacy", Privacy Methodologies Workshop (London, UK) 23 - 24 March 2009

"Security@Home" Sun Microsystems Intellectual Desserts (Menlo Park, CA) 13 November 2008

"Security & Elders", IPSI Public Lecture Series, University of Toronto (Toronto, CN) 10 Nov. 2008

"Security & Human Behavior", Interdisciplinary Studies in Information Security (Monte Verita, SW), 7-11/7/2008

"An Idiosyncratic View of Economics of Security" Interdisciplinary Studies in Information Security Workshop, (Monte Verita in Ascena, Ticino, SW) 7-11 July 2008

"The Inadvertent Insider: Communicating Security Risks", The Insider Threat in the Networked World, (Durham, NC) 15-16 April 2008

"IPv6 Diffusion: Learning from Economics of Security", Cisco Workshop on the Future of Internet Addressing, (Milpitas, CA) 4 March 2008. with Hillary Elmore

"Communicating Security State using Net Trust", Google Research Seminar, (Mountain View, CA) 28 February 2008. with Brandon Stephens

"Design for Values: Privacy in Ubicomp", Bren School of Information and Computer Sciences Research Seminar, (NY, NY) 29 November 2007

"Privacy in ubiquitous and home computing", University City London / British Telecom Computer Science Seminar, (Ipswich, UK) 1 August 2007

"Computer Security and Human Trust Behaviors", 2007 Decision and Risk Analysis Conference: Convergence Between Finance and Industry (Dallas, TX) 22-23 May 2007

"Net Trust: A Status Report", Symantec Research Seminar (Mountain View, CA) 4 May 2007

"Trust and Trusted Computing", Usable Security (Tobago, BWI) 16 February 2007

"Games, Privacy, Identity: The Coming Collision of Virtual and Real", Financial Cryptography (Tobago, BWI) 14 February 2007

"Defeating Spam One Account at a Time", Money Finance and Growth: XV International Tor Vergata Conference on Banking and Finance, Faculty of Economics (Rome, IT) 13 December 2006

"Net Trust: Embedding Identity in Social Context", Oxford Internet Institute Research Seminar, (Oxford, UK) 7 December 2006

"Economics of Identity", 7th Annual Privacy and Security Workshop: Your Identity Please: Identity Theft and Identity Management in the 21st Century, Toronto School of Law (Toronto, CN) 2-3 November 2006.

"Economics of Security as Design Parameters", School of Information Research Seminar, University of Michigan, (Ann Arbor, MI) 26 October 2006.

"Designing Ubicomp with Privacy Constraints Defined by Users," Nurturing Technologies in the Domestic Environment: Feeling Comforted, Cared for, and Connected at Home, (Orange County, CA) 18 Sept. 2006. Workshop held conjunction with Ubicomp 2006. with L. Huber, & Kay Connelly

"Beyond Usable Security: A Matter of Trust, An Issue of Risk" Workshop on Future Directions for NSF' Cyber Trust Program (Pittsburgh, PA) 5-7 October, 2006

"Hard Wired Identity", Oxford Internet Institute (Balliol College, Oxford, UK) 29 Sept. 2006

"Open Code as Governance" , Pennsylvania School of Law Symposium on Open Source in the International Marketplace, (Philadelphia, PA) 31 March 2006

"Security and Morality: A Way Forward on Design For Values", eValues (Bled, Slovenia) 5-7 June 2006.

"Open Code, Free Software, and Governance", Open Source in the International Marketplace, University of Pennsylvania School of Law Symposium (Philadelphia, PA) 31 March 2006

"Forging Trust Using reliable Economic Signals", CERIAS Annual Symposium (West Lafayette, IN) 22/03/2006

"Net Trust" Google Security Group Research Seminar (Mountain View, CA) 3 August 2005. With Alla Genkina and Allan Friedman

"Designing for Values: A Response to Technology Neutrality in Ubiquitous Computing and Home Healthcare" American Society for Information Science and Technology (ASIS&T) 2005 Annual Meeting, 28 Oct. – 5 Nov. 2005, Charlotte, NC. with Kalpana Shankar and Kay Connelly

"Privacy in Voting", Technical Workshop for Chief Technology Officers, National Research Council and Election Assistance Commission (Washington, DC) June 2005

"Social and Network Trust", DIMACS (New Brunswick, NJ) 14 - 15 April 2005. w/ A. Genkina and A. Friedman

"Economics of Information Security", CFI-CIRT, BMO Financial Group Annual Meeting (Toronto CN) 10/2/05

"Transparency in Digital Government", Public Services Program's Workshop on Transparency: The Term and the Doctrine, British Academy (London, United Kingdom) 14 January 2005.

"The Economics of Information Security", 13th CACR Information Security Workshop & 5th Annual Privacy and Security Workshop: Privacy and Security: Seeking the Middle Path, Centre for Applied Cryptographic Research, (Toronto, Canada) October 2004.

"Identity as a Social and Technical Construct," 14th IEEE-RIDE (Research Issues on Data Engineering) Workshop Web Services for E-Commerce and E-Government Applications (Boston, MA) 28 April 2004

"Licenses and Code Sharing", GOCC Inaugural Meeting, Kennedy School of Government (Cambridge, MA) December 2003.

"Open Source, Myth Versus Reality," Massachusetts Executive Leadership Forum, (Boston, MA) 15 Oct. 2003

Privacy in Internet Commerce, International Conference on Electronic Commerce, 1 - 3 Oct. 2003, (Pittsburgh, PA). Panel organized and Chaired,

"Identity in Digital Government; Best Practices and a Research Agenda," Max Planck Institute 14 (Bonn, Germany) July 2003.

"Using Ethnographic Data to Evaluate Technical Design," WebShop 2003. University of Maryland. (College Park, MA) 3-5 June 2003

"Privacy by Design: A Study in Cooperation Across Disciplines," Workshop on Public Values, Systems Design, and the Public Domain by the Programme in Cooperative Media Law and Policy, Oxford. (Rockefeller Foundation Bellagio Center, Lake Como, Italy) 3-7 March 2003.

"Trust and Risk in Internet Commerce: Design for Trust," The Institute for Security Technology Studies, Dartmouth University, (Dartmouth, NH) 17 January 2003

Panel organized and Chaired, Economics of Security, Financial Cryptography, (Le Gosier, GP) 26-30 January 2003

"Design for Values in DRM," MITRE (Bedford, NH) 15 November 2002.

"Thailand At the Crossroads in Telecommunications", International Conference on Science, Technology and Innovation. BCSIA, KSG. Harvard (Cambridge, MA) 23- 24 September 2002.

"Digital Rights Management as Design for Trust," Public Design Workshop, NYU (NY, NY) 13-14 Sept. 2002.

"Returning to First Principles: The Functions of Copyright as a Basis for DRM in 2002," Cryptography and Information Security Group Seminar, MIT (Cambridge, MA) 14 April 2002

"Privacy Models & Business Plans", Internet & Telecoms Convergence Annual Mtg (Cambridge, MA) 16/1/02.

"Security & Privacy Lost," Nurturing the Cybercommons 1981 -2001, Ann Arbor, (Ann Arbor, MI) 19-21/10/01.

"Design for Values in Computer Science," Georgia Institute of Technology College of Computing Departmental Seminar, (Atlanta, GA) September 2001.

"IT & the Developing World," Global Governance of Technology: Meeting the Needs of Developing Countries, Harvard University (Cambridge MA) April 2001

"Negotiating the Global Internet Rating and Filtering System: Views of the Bertelsmann Foundation's Self-regulation of Internet Content Proposal," Computers, Freedom, and Privacy 2000 (Toronto, CA) 4-7 April 2000. Panel organized and chaired with C. Hunter

"Internet Governance, From Meritocracy to Adhocracy to Bureaucracy," CPSR Internet Governance Workshop, (Washington, DC) Sept. 1999.

"Digital Signatures: Beware the False Simplicity of Analogy," Massachusetts Continuing Legal Education, Massachusetts Bar Association (Boston, MA) May 1998

"Web Privacy" Panel on Policy Perspectives, DIMACS Workshop on Design for Values: Ethical, Social and Political Dimensions of Information Technology, (Rutgers, NJ) 28 February 1998

"Democratic Implications of Web Privacy," Computer Science Department Colloquium, University of Massachusetts at Amherst (Amherst, MA) 19 November 1997

"Issues in Electronic Commerce," NationsBank Architecture & Infrastructure Group, (Charlotte, NC) 18/12/96

"Options, Opportunities & Obstacles in Electronic Commerce," Future of Electronic Banking, Columbia Institute of Tele-Information, Columbia University (NY, NY) 23 October 1996

"Cryptography, Privacy and Health Data," Privacy, Information Technology and Health Care, Virginia Health Policy Center, U. of Virginia (Charlottesville, VA) 24- 25 July 1996.

"Internet Commerce: Evolution, Examples and Evaluation," Banking on the New Paradigm (Tokyo, JP) 12/1995.

"Information Policy & Security," IEEE USAB Briefing of the Office of Science and Technology Policy (Washington, DC) October 1994, with Robert Powers & Glenn Tenney

"Encryption Policy and American Economic Interests," Annual Meeting of the Association of Former Intelligence Agents (Baltimore MA) Oct. 1993.