

## **A. MICHAEL FROOMKIN**

Laurie Silvers & Mitchell Rubenstein Distinguished Professor of Law  
Member, U.Miami Center for Computational Science

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### **EDUCATION**

J.D., Yale Law School, 1987.  
Articles & Book Review Editor, *Yale Law Journal*, 1986 - 1987.  
Articles Editor, *Yale Journal of International Law*, 1985 - 1986.  
M.Phil, History, Cambridge University, England, 1984.  
B.A., *summa cum laude*, Yale College, New Haven, CT., 1982.  
Double major in Economics and History.

### **HONORS**

World Technology Award for Law, 2017  
Laurie Silvers & Mitchell Rubenstein Distinguished Professorship of Law, 2010-13;  
2014-2017; 2017-2020 (three-year term, renewable).  
John Anson Kitteredge Educational Trust Grantee, 1990.  
Thirkill Travel Grant, Clare College, 1984.  
Mellon Fellowship (tuition and all expenses), 1982-84.  
*Phi Beta Kappa*, Yale College, 1982.  
Distinction in History, Yale College, 1982.  
Presidential Scholar, 1978.

### **LEGAL EXPERIENCE**

Coordinator of Faculty Research, 2007- 2011.  
Tenure & Promotion to Professor, 1998.  
Associate Professor, University of Miami School of Law, 1992 - 1998.  
Associate, Wilmer, Cutler & Pickering, London office, 1989 - 1992.  
Admitted to the District of Columbia Bar, Nov. 13, 1989.  
Law Clerk, Judge Stephen F. Williams, United States Court of Appeals, D.C. Circuit,  
1988 - 1989.  
Admitted to the New York Bar, Jan. 26, 1988.  
Law Clerk, Chief Judge John F. Grady, United States District Court, Northern District of  
Illinois 1987 - 1988.  
Summer Associate, Shea & Gardner, Washington, D.C., 1987.  
Summer Associate, Kramer, Levin, Nessen, Kamin & Frankel, N.Y., N.Y., 1986.  
Intern, Environmental Defense Fund, Berkeley, CA, Summer 1985.

## **COURSES TAUGHT**

### Recent

Torts (fall), Administrative Law (spring) & Robot Law Short Course (spring)

### Past Law Teaching

Civil Procedure I

Constitutional Law I

Electronic Commerce (sem.)

Internet Law

Internet and the State: Social and Political Regulation

Internet and the Market: E-Commerce and Intellectual Property

Internet Governance (sem.)

Intellectual Property in Digital Era (sem.)

International Law

Jurisprudence

Regulation of Identity (sem.)

Trademark

Virtual Worlds and the Law (sem.)  
(with Caroline Bradley)

## **OFFICES AND MEMBERSHIPS**

### **Current Offices**

Founding Editor, *Journal of Things We Like (Lots)* (Jotwell.com), 2009 -

Program Committee Chair (& Founder), We Robot 2019, Coral Gables, FL.

Affiliated Fellow, Yale Information Society Project (Yale ISP), 2008 -

International Advisory Board, *I/S: A Journal of Law and Policy for the Information Society*, 2004 -

### **Advisory Boards**

Adviser, Security in Internet Governance and Networks: Analysing the Law

(SIGNAL), University of Oslo, Dept. of Private Law, Norwegian Research

Center for Computers and Law (NRCCL), 2015-

Future of Privacy Forum, 2014-

Electronic Privacy Information Center (EPIC), 2013-

International Library Of Ethics, Law And Technology (Springer), 2008 -

Electronic Frontier Foundation (EFF), 2004-

Cyberlaw Abstracts, Legal Scholarship Network, 1996 -

### **Memberships**

U.Miami Center for Computational Science, 2018-

Royal Institute of International Affairs (Chatham House), 1991-

American Bar Association, 1988-

### **Blogging**

Discourse.net, <http://discourse.net>

**LANGUAGES :**      **English, French (fluent).**

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## Past Offices and Memberships

Editorial Board, *Information, Communication & Society*, 1997 - 2018  
Fellow, Center for Democracy & Technology, 2009 -2017  
Program Committee (& Founder), We Robot 2018, Stanford Law School, Palo Alto, CA; We Robot 2017, Yale Law School, New Haven, CT; We Robot 2015, U. Washington, Seattle, WA; We Robot 2013, Stanford Law School.  
Program Committee Chair (& Founder), We Robot, 2016, 2014, 2012 Coral Gables, FL  
AALS Technology Advisory Board, 2015-16  
Chair, Jotwell 5<sup>th</sup> Anniversary Conference: Legal Scholarship We Like and Why It Matters, Coral Gables, FL (Nov 7 & 8, 2014).  
Program Committee Chair, We Robot 2014, Coral Gables, FL  
Founding Editor, ICANNWatch.org, 1999 - 2014  
Program Committee, TILTING Perspectives 2013: Bridging Distances in Technology and Regulation, Tilburg University, The Netherlands.

Member, US Dept. of Homeland Security Advisory Committee on Data Privacy and Integrity. 2011-2012 (two year term).  
Program Chair, We Robot 2012, Coral Gables, FL.  
Program Committee Co-Chair, Second International ICST Symposium on Global Information Governance (ISGIG) 2009 (Prague).  
Director, U. Miami Law Foreclosure Fellowship Program, 2009  
BNA Electronic Information Policy & Law Report Advisory Board, 1996-2008.  
Editorial Board, *Journal of Internet Policy*, 2008 - 2010  
Wireless Miami-Dade Executive Steering Committee, 2006-2008.  
Member, UM Law Strategic Planning Committee, 2007.  
Advisory Board, IP Justice, International Cyberlaw Clinic, 2007-2008  
ICANN NomCom - Appointed Member from Interim At-Large Advisory Committee, 2006 (reappointed for second term for 2007, term limited thereafter).  
Non-executive Director, Out2 Media Group, 1999-2006.  
Appointed Member, Florida Supreme Court Committee on Privacy and Court Records, 2003-05.  
Advisory Board, Institute for the Study of Information Technology and Society (InSITEs) at Carnegie Mellon University, Experts Network, 2004-2006  
Asia-Pacific Privacy Charter Council (APPCC), 2003-2004.  
Non-Commercial Constituency Representative, ICANN WIPO2 task force, 2003-04.  
Association for Computing Machinery, 1995-2004.  
Center for Law in the Digital Economy (CLiDE) (Monash University, Melbourne, Australia), 2001-2004.  
Dutch Scientific Council National Programme for Information Technology and law (ITeR) (Institute for Information Law of the University of Amsterdam & Center for Law, Public Administration and Informatization, Tilburg University, 2001-2002.

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Member, International Chamber of Commerce, Ad hoc Task Force on Jurisdiction and Applicable Law in Electronic Commerce, 1999-03.  
Chair, U. Miami School of Law Promotion and Tenure Committee, 2002-04.  
U. Miami Committee on Digital Signature Usage, 2001-2002.  
Member, Advisory Board, ZeroKnowledge.com, 2000-2002.  
Member, ACM Committee on Law and Computing Technology, 1999-2001.  
Founding Director, Disputes.org, 1999-2001.  
Program Committee, Conference on Electronic Commerce 2000 (EC-00), 2000.  
U. Miami Committee on Faculty Ownership of Intellectual Property, 1999-2000.  
Overseas Correspondent Editor, *Amicus Curia*, Institute of Advanced Studies (London, England), 1997-2000.  
Member, Small Drafting Committee, ICANN UDRP, 1999.  
Scientific Committee, Net Jus Project (U. Bologna, Italy), 1999-2000.  
Member, World Intellectual Property Organization (WIPO) Panel of Experts for WIPO Internet Domain Name Process, 1998-1999.  
PrivacyExchange, 1997-1999.  
Editorial Board, *Lex Electronica (Cybernews)*, 1997-1999.  
*Centro de Investigaciones en Information Technology (CENIT)*, Buenos Aires, Argentina, 1997-1999.  
Internet Society, 1995-1998.  
University of Miami Faculty Senate Internet Committee, 1997-1999.  
Chair, Am. Assoc. of Law Schools (AALS) Section on Law & Computers, 1998.  
Planning Committee, Financial Cryptography '97 & '98 (Anguilla).  
Planning Committee, Computers Freedom & Privacy, 1996 - 1998.  
Advisory Board, Journal of Online Law, 1996 -1998.  
Member, Information Security Committee, EDI and Information Technology Division, Science and Technology Section, ABA, 1995.

## **PRIOR TEACHING EXPERIENCE**

Research Assistant to Professor Jerry Mashaw, 1987. Helped design course in legislation.  
Teaching Fellow 3, American Colonial History and American Revolution, Yale History Department, Professor Edmund S. Morgan, 1985 - 1986.  
Graduate Affiliate of Saybrook College, Yale, 1984-86.

## **BUSINESS EXPERIENCE**

Assistant to the President, Partners in Enterprise, Inc., Washington, D.C., summer 1981.  
Research Assistant, Operations Evaluation Dept., World Bank, Washington, D.C., summer 1980.  
Programmer/Clerk, Computing Activities Dept., World Bank, summer 1978, and 1979.

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## **POLITICAL EXPERIENCE**

Elected to Committee of 50, Democrats Abroad (UK), 1990 - 1992; 1983 - 1984.

Assistant, Morrison for Congress, New Haven, CT, 1984. Directed telephone canvass and phonebank.

Ward Nine Democratic Committee, New Haven, CT, 1984 - 1986.

Elected Asst. Sec., Clare College Middle Common Room, 1984.

Press Secretary, Lechner for Congress, Falls Church, VA. 1982. Supervised staff of three, and volunteers.

Press Secretary, Southern CT, National Unity Campaign for John Anderson, 1980. Co-founder of managing committee for CT.

Elected Vice-Chairman of Neighborhood Planning Council #2 (Washington, D.C.), 1977-1978.

## **JOURNALISM EXPERIENCE**

Editor-in-Chief, *Yale Political Monthly*, 1981 - 1982.

Yale Stringer, Associated Press, 1981.

News Editor, Chief Copy Editor, Reporter, Columnist, *Yale Daily News*, 1978 - 1981.

Disk Jockey, WYBC - AM (New Haven), 1978.

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## PUBLICATIONS & WORKS IN PROGRESS

### Articles in Progress

- *Big Data: Destroyer of Informed Consent* (forthcoming in special joint issue of YALE J. HEALTH POLICY, LAW, & ETHICS and the YALE J.L. TECH)
- *Privacy as Safety* (with Zak Colangelo)
- *Organizing the Federal Government's Regulation of AI*
- *Towards Identity Bankruptcy*
- *Privacy Personae - US Legal (and Political) Considerations*

### Publications

#### Book

ROBOT LAW (Ryan Calo, A. Michael Froomkin & Ian Kerr, eds. 2016)

#### Articles & Book Chapters

- When AIs Outperform Doctors: Confronting the Challenges of a Tort-Induced Over-Reliance on Machine Learning* (with Ian Kerr & Joëlle Pineau), 61 ARIZ. L. REV. 33 (2019), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=3114347](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=3114347)
- Prólogo, Derecho de los Robots* (Moisés Barrio Andrés, ed. 2018) (in Spanish)
- Lessons Learned Too Well: Anonymity in a Time of Surveillance*, 59 ARIZ. L. REV. 95 (2017), [papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1930017](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=1930017).
- Introduction in ROBOT LAW* (2016) (Ryan Calo, A. Michael Froomkin & Ian Kerr, eds.), [https://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718994](https://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718994).
- Regulating Mass Surveillance as Privacy Pollution: Learning from Environmental Impact Statements* 2015 ILL. L. REV. 1713 (2015), <http://ssrn.com/abstract=2400736>.
- Self-Defense Against Robots* (with Zak Colangelo), 48 CONN. L. REV. 1 (2015), <http://ssrn.com/abstract=2504325>.
- From Anonymity to Identification*, 1 J. SELF-REGULATION & REGULATION (2015), [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715579](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715579).
- Pseudonyms by Another Name: Identity Management in a Time of Surveillance* (chapter in EPIC, PRIVACY IN THE MODERN AGE: THE SEARCH FOR SOLUTIONS (Mark Rotenburg, Julia Horwitz, jeramie Scott, eds. 2015)).
- The Death of Privacy (translated into Chinese) in THE STUDY OF INFORMATION PRIVACY: THE GENERATION, DEVELOPMENT, APPLICATION AND CONTROVERSIES OF INFORMATION PRIVACY* (2014) (Zhang Minan, ed; Lin Taisong, assoc. ed)
- 'PETs Must Be on a Leash': How US Law (and Industry Practice) Often Undermines and Even Forbids Valuable Privacy Protecting Technology*, 74 OHIO ST. L.J. 965 (2013) (Symposium: The Second Wave of Global Privacy Protection) *available*

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- online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2348281](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2348281).
- ICANN and the Domain Name System after the 'Affirmation of Commitments'* (book chapter) in RESEARCH HANDBOOK ON GOVERNANCE OF THE INTERNET (Ian Brown, ed.) (2013).
- Hard to Believe, The High Cost of a Biometric Identity Card* (with Jonathan Weinberg), Research Brief issued by The Chief Justice Earl Warren Institute on Law and Social Policy, University of California at Berkeley School of Law (Feb. 2012), [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715594](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715594).
- Almost Free: An Analysis of ICANN's 'Affirmation of Commitments'*, 9 J. TELECOM. & HIGH TECH. LAW 187 (2011) *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1744086](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1744086)
- Ethical, legal and social issues for personal health records and applications* (2010) (with Reid Cushman, Anita Cava, Patricia Abril, & Kenneth W. Goodman), 43 JOURNAL OF BIOMEDICAL INFORMATICS 551 (2010).
- Government Data Breaches*, 24 BERK. TECH. L.J. 1018 (2009) *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1427964](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1427964).
- Building the Bottom Up from the Top Down*, 5 I/S: A JOURNAL OF LAW AND POLICY FOR THE INFORMATION SOCIETY 141 (2009) *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1338790](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1338790)
- Identity Cards and Identity Romanticism* (book chapter) in LESSONS FROM THE IDENTITY TRAIL: ANONYMITY, PRIVACY AND IDENTITY IN A NETWORKED SOCIETY (Ian Kerr, ed., 2009)) *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1309222](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1309222).
- Anonymity and the Law in the USA* (book chapter) in LESSONS FROM THE IDENTITY TRAIL: ANONYMITY, PRIVACY AND IDENTITY IN A NETWORKED SOCIETY (Ian Kerr, ed., 2009)) *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1309225](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1309225).
- The Uneasy Case for National ID Cards as a Means to Enhance Privacy* (book chapter) in SECURING PRIVACY IN THE INTERNET AGE (A. Chander, L. Gelman, M.J. Radin, eds) Stanford U.P. 2008 *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719008](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719008)
- The New Health Information Architecture: Coping with the Privacy Implications of the Personal Health Records Revolution*, UM ELSI Group for Project HealthDesign (2008), <http://www.projecthealthdesign.org/media/file/social-life-info-15.pdf>
- Forced Sharing of Patient-Controlled Health Records*, UM ELSI Group for Project HealthDesign (2007), [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719804](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719804).
- ELSI Guide to Licensing Project HealthDesign Work Product in the Public Interest, for Project HealthDesign* (2007), <http://www.projecthealthdesign.org/media/file/ELSI-OpenSource-Guide.pdf>
- On the Future of Internet Governance* (transcript of panel discussion), 101 AMERICAN SOCIETY OF INTERNATIONAL LAW, PROCEEDINGS OF THE ANNUAL MEETING (2007), <http://ssrn.com/abstract=992805>
- Creating a Viral Federal Privacy Standard*, 8 B.C. L. Rev. 55 (2007), *available online*,

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- [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715596](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715596)  
*The Plural of Anecdote is "Blog"*, 84 WASH. U. L. REV. 1149 (2006), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715780](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715780)
- A Dispatch From the Crypto Wars* (Review of MATT CURTIN, BRUTE FORCE: CRACKING THE DATA ENCRYPTION STANDARD (2005)), 2 I/S: A JOURNAL OF LAW AND POLICY FOR THE INFORMATION SOCIETY 345 (2006),  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715610](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715610).
- International and National Regulation of the Internet* (book chapter in THE ROUND TABLE EXPERT GROUP ON TELECOMMUNICATIONS LAWS: CONFERENCE PAPERS (E.J. DOMMERING & N.A.N.M. VAN EIJK (EDS.) (2005)) *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718981](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718981)
- Virtual Worlds, Real Rules* (with Caroline Bradley), 49 N.Y.L.S.L. Rev. 103 (2004), *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=1127722](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=1127722)
- When We Say America™ We Mean It*, 41 HOUSTON. L. REV. 839 (2004), *available online*, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715614](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715614).
- Technologies for Democracy* (book chapter in THE PROSPECTS FOR ELECTRONIC DEMOCRACY (Peter Shane, ed. 2004)), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2731312](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2731312).
- Commentary: Time to Hug a Bureaucrat*, 35 LOY. U. CHI. L.J. 139 (2003), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2731312](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2731312).
- ICANN & Anti-Trust*, 2003 ILLINOIS L. REV. 1 (*co-authored with Mark Lemley*), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=291221](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=291221)
- ICANN 2.0: Meet the New Boss*, 36 LOY. L.A. L. REV. 1087 (2003), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719010](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719010)
- Habermas@discourse.net: Toward a Critical Theory of Cyberspace*, 116 HARV. L. REV. 749 (2003), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=363840](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=363840)
- Anonymity in the Balance* (book chapter in DIGITAL ANONYMITY: TENSIONS AND DIMENSIONS (C. Nicoll, J.E.J. Prins & M.J.M. van Dellen eds. 2003), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718528](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718528)
- Internet's International Regulation: Emergence and Enforcement*, in *Évolution des systèmes juridique, bijuridism et commerce international* (Louis Perret & Alain-François Bisson, eds.) (Montreal, 2003)
- Form and Substance in Cyberspace*, 6 J. SMALL & EMERGING BUS. L. 93 (2002), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715656](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715656)
- ICANN's UDRP: Its Causes and (Partial) Cures*, 67 BROOKLYN L. REV. 605 (2002), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718986](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718986)
- Internet Governance: The ICANN Experiment (Or, Three Paradoxes in Search of a Paradigm)*, in *LA LIBERTAD DE INFORMACIÓN: GOBIERNO Y ARQUITECTURA DE INTERNET* 12 (ed. Loreto Corredoira y Alfonso) (Madrid, 2001), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718510](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718510).
- The Collision of Trademarks, Domain Names, and Due Process in Cyberspace*, 44 COMM. ACM 91 (FEB. 2001)

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- Wrong Turn in Cyberspace: Using ICANN to Route Around the APA and the Constitution*, 50 DUKE L.J. 17 (2000), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=252523](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=252523)
- The Death of Privacy?* 52 STAN. L. REV. 1461 (2000), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715617](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715617)
- Speculative Microeconomics for Tomorrow's Economy* (with James Bradford De Long) (book chapter) INTERNET PUBLISHING AND BEYOND: THE ECONOMICS OF DIGITAL INFORMATION AND INTELLECTUAL PROPERTY 6 (Brian Kahin & Hal Varian, eds., 2000), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718524](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718524)
- Semi-Private International Rulemaking: Lessons Learned from the WIPO Domain Name Process*, book chapter in CHRISTOPHER T. MARSDEN (ED), REGULATING THE GLOBAL INFORMATION SOCIETY 211 (Routledge 2000), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718511](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718511)
- Beating Microsoft at its Own Game* (with J. Bradford DeLong), HARV. BUS. REV. 159 (Jan-Feb. 2000) (Review of CHARLES FERGUSON, HIGH STAKES, NO PRISONERS (1999)), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719001](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719001)
- The Constitution and Encryption Regulation: Do We Need a "New Privacy"?*, 3 N.Y.U. J. LEGIS & PUB. POL. 25 (1999-2000), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719006](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719006)
- Of Governments and Governance*, 14 BERKELEY LAW & TECHNOLOGY JOURNAL 617 (1999), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715659](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715659)
- Legal Issues in Anonymity and Pseudonymity*, AAAS SYMPOSIUM VOLUME, 15 THE INFORMATION SOCIETY 113 (1999), *available online*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2741193](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2741193)
- A Commentary on WIPO's The Management of Internet Names And Addresses: Intellectual Property Issues*, *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715664](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715664)
- 2B as Legal Software for Electronic Contracting -- Operating System or Trojan Horse?*, 13 BERKELEY L. & TECHNOLOGY JOURNAL 1023 (1999), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=146908](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=146908)
- A Critique of WIPO's RFC3*,  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715738](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715738)
- Comment, The Empire Strikes Back*, 73 Chi-Kent L. Rev. 1101 (1998), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715743](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715743)
- Firme digitali e Autorità di Certificazione: La garanzie di validità degli atti elettronici*, 23 INGENIUM (Italy) 12 (March, 1998) (tr. Giovanni Nasi)
- Recent Developments in US Computer Law*, AMICUS CURIAE 27 (Jan., 1998), *available online* [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2726651](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2726651).
- Digital Signatures Today* in FINANCIAL CRYPTOGRAPHY 287 (Rafael Hirschfeld ed., 1997) (Springer Lecture Notes in Computer Science vol. 1318), *available online*  
[http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718526](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718526).

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- The Internet as a Source of Regulatory Arbitrage* (book chapter) in BORDERS IN CYBERSPACE (Brian Kahin and Charles Nesson, eds.) (MIT Press, 1997), available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718515](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718515).
- It Came From Planet Clipper*, 1996 U. CHI. L. FORUM 15 (The Law of Cyberspace symposium volume), available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718996](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718996).
- Flood Control on the Information Ocean: Living With Anonymity, Digital Cash, and Distributed Databases*, 15 U. PITT. J. L. & COM. 395 (1996) (Conference for the Second Century of the University of Pittsburgh School of Law Symposium volume), available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=11452](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=11452).
- The Essential Role of Trusted Third Parties in Electronic Commerce*, 75 ORE. L. REV. 49 (1996) (The Law and Entrepreneurship Program: Innovation and the Information Environment, Symposium Volume), available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=11450](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=11450). Reprinted in READINGS IN ELECTRONIC COMMERCE 119 (Ravi Kalakota & Andrew B. Whinston, eds. 1997).
- Reinventing the Government Corporation* 1995 ILL. L. REV. 543, available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715756](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715756).
- Anonymity and Its Enmities*, 1 JOURNAL OF ONLINE LAW art. 4 (1995), available on line at [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715621](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715621).
- The Metaphor is the Key: Cryptography, the Clipper Chip and the Constitution*, 143 U. Penn. L. Rev. 709 (1995), available online [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2719011](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2719011).
- The Constitutionality of Mandatory Key Escrow--A First Look* in BUILDING IN BIG BROTHER: THE CRYPTOGRAPHIC POLICY DEBATE 413 (Lance Hoffman, ed. 1995)
- The Imperial Presidency's New Vestments*, 88 NW. L. REV. 1346 (1994), available online, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715759](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715759)
- Still Naked After All These Words*, 88 NW. L. REV. 1420 (1994), available online, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715761](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715761).
- Politiké Finance V ČSFR* (with Steve Gordon), 12 PRÁVNÍK 1079 (1990)
- Climbing the Most Dangerous Branch: Legisprudence and the New Legal Process*, 66 TEX. L. REV. 1071 (1988) (book review), available online, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2718979](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2718979).
- Note, In Defense of Administrative Agency Autonomy*, 96 YALE L.J. 787 (1987), available online, [http://papers.ssrn.com/sol3/papers.cfm?abstract\\_id=2715762](http://papers.ssrn.com/sol3/papers.cfm?abstract_id=2715762).

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## PRESENTATIONS (including forthcoming events)

### INTERNATIONAL PRESENTATIONS

- University of Ottawa, Machine MD, *How to Regulate AI* (tentative title), Ottawa Canada, June 1, 2019.
- Tilberg University, Discussant, "Privacy protection in the 21st Century", Tilberg, Netherlands, May 14-15, 2019.
- Toronto Law School Symposium: The Future Frontiers of Online Privacy, *Big Data/Privacy: Pick One?*, Toronto, CA, Jan. 23, 2016.
- Amsterdam Privacy Conference, Privacy Law Scholars Conference, *Privacy Personae-Us Legal (And Political) Considerations*, Amsterdam PLSC, Oct. 26, 2015.
- Symposium On Usable Privacy and Security (SOUPS), 2nd Annual Privacy Personas and Segmentation (PPS), Keynote Speaker, Ottawa, CA, July 22, 2015.
- Heidelberg University Lecture Series, "Who governs the Internet?", Heidelberg, Germany, Dec. 11, 2014.
- International Privacy Law Conference, Clare College Cambridge, UK, Discussant, July 30-31, 2013.
- Symposium on Internet Governance, Faculty of Law, University of Oslo, Norway, Discussant, August 22, 2012.
- Oxford Internet Institute, A Decade in Internet Time: Symposium on the Dynamics of the Internet and Society, Panelist: *Wikileaks, the Arab Uprisings and English Riots: Implications for Internet Policy and Practice*, Oxford, UK, Sept. 23, 2011.
- Oxford Internet Institute, A Decade in Internet Time: Symposium on the Dynamics of the Internet and Society, *Lessons Learned Too Well*, Oxford, UK, Sept. 22, 2011.
- Oxford Internet Institute, Internet, Society and Law Seminar Series, *Those Golden Eggs Come From Somewhere: Internet Regulation at a Crossroads*, London, UK, Nov. 17, 2009.
- On the Identity Trail: Understanding the Importance and Impact of Anonymity and Authentication in a Networked Society - Bologna Workshop, *Identity Cards and Identity Romanticism*, Bologna, Italy, May 28, 2007.
- Experts Meeting on Internet Governance Forum, Invited Discussion Leader, Geneva, Switzerland, July 20-21, 2006.
- Financial Cryptography and Data Security '06, Invited Speaker, *We\* Are All† Cypherpunks‡ Now\*\**, Anguilla, British West Indies, March 2, 2006.
- 8th Annual SYMI Symposium, Andreas Papandreou Foundation, Invited Speaker, Rethymnon, Greece, July 9-15, 2005.
- International Workshop on Governance, Regulations, Powers on the Internet, Building the Bottom Up from the Top Down, Paris, France, May 28, 2005.
- University of Ottawa, Faculty of Law, The Concealed I: Anonymity, Identity and the Prospect of Privacy, Ottawa, Canada, March 5, 2005.
- University of Amsterdam Institute for Information Law (IViR) & Tilberg University,

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- Roundtable Code and Public Domain, Discussant, Amsterdam, July 1-2, 2004.  
University of Amsterdam Institute for Information Law, Invited Speaker: *International and National Regulation of the Internet*, Expert's Group Meeting, Amsterdam, The Netherlands, Dec. 12-13, 2003.
- University of Toronto, The Grafstein Lecture, Toronto, Canada, Feb. 14, 2003.  
European University Institute, The Internet & The Preservation of the Liberal Commons, *Filtering and Democracy - A Double Edged Sword*, Florence, November 24, 2001.
- Monash University, Centre for Law in the Digital Economy (CliDE), *Inaugural Lecture: "Winners and Losers: the Internet Changes Everything - or Nothing?"* Aug. 9, 2001, Melbourne, Australia.
- Universidad Complutense de Madrid, *Internet Governance: the ICANN Experiment (Or, Three Paradoxes in Search of a Paradigm)*, Facultad de Ciencias de la Información, Jan. 25, 2001.
- University of Ottawa & Canadian Dept. of Justice, Globalization & the Evolution of Legal Systems, *Internet's International Regulation: Emergence and Enforcement*, Ottawa, Canada, Oct., 21, 2000.
- 22nd International Conference on Privacy and Data Protection, *Privacy: New Challenges*, Venice, Sept. 29, 2000.
- Arthur Anderson, E-Commerce and V-C, Tilburg University, *Online Dispute Resolution*, Tilburg, The Netherlands, Sept. 15, 2000.
- Tilburg University Faculty of Law, *Anonymity*, Tilburg, The Netherlands, Sept. 14, 2000
- Computers Freedom & Privacy 2000, Moderator, *Domain Names under ICANN: Technical Management or Policy Chokepoint*, Toronto Canada, Apr. 5, 2000.
- IMPRIMATUR, Legal SIG Workshop: Privacy, Data Protection, Copyright and ECMSs, *Do Privacy Enhancing Technologies (PETs) Make a Difference?*, Instituut voor Informatierecht, Faculteit der Rechtsgeleerdheid, Amsterdam, Netherlands, May 23, 1998.
- Online OffShore, *Regulatory Arbitrage in Action*, Grand Cayman, Cayman Islands, Apr. 29, 1998.
- Financial Cryptography '97, Conference Co-Chair; Panelist, *Digital Cash Issues*, Anguilla. BVI, Feb. 27, 1997.
- 17th IVR World Congress: Challenges to Law at the End of the 20th Century, *A Model of International Law & Society*, Bologna, Italy. June 17, 1995.
- Law and Society Association, Annual Meeting: Being, Doing, Remembering: The Practices and Promises of Sociological Research at the Close of the 20th Century, *The Internet as a Model of International Law and Society*, Toronto, June 1-4, 1995.
- Conference on the New Czechoslovak Federal Constitution, Panelist, Salzburg, Austria & Prague, Czechoslovakia, Apr. 1990).

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**U.S.A.**

- We Robot 2019, Discussant, Administering Artificial Intelligence, April 13, 2019, Coral Gables, FL
- University of Colorado, Workshop on Explainable AI, Discussant, May 3-4, 2019, Boulder Co.
- Workshop on Legal and Policy Issues Posed by Artificial Intelligence Advances, US Berkeley Law School, invited participant, Berkeley, CA, Sept. 6-7, 2018.
- George Washington University Law School, 11th Annual Privacy Law Scholars Conference (PLSC 2018), *Towards Identity Bankruptcy*, May 30, 2018.
- University of Florida Levin College of Law, Technology, Media & Privacy Law Conference, Panelist on 'Anonymity in the New Media Landscape', April 20, 2018.
- We Robot 2017, Stanford Law School, *When AIs Outperform Doctors: The dangers of a tort-induced over-reliance on machine learning and what (not) to do about it*, Palo Alto, CA, April 14, 2018.
- Yale ISP, Ideas Lunch Presenter, New Haven, CT, Oct. 19, 2017.
- Moritz College of Law, Ohio State University, Drones as Disruption Conference, Panelist, *Drones as Threats: Privacy and Property Rights*, Columbus, OH, Nov. 6, 2015.
- Yale Law School, Freedom of Expression Scholars Conference, *Lessons Learned Too Well: Anonymity in a Time of Surveillance*, New Haven, CT, May 2-3, 2015.
- AALS, Joint session of Section on Internet and Computer Law and Section on Defamation and Privacy, Moderator, Panel on Automated Decision-Making and the Law, Washington DC, Jan 3, 2015.
- 7th Annual Privacy Law Scholars Conference, Discussant, *The Scored Society, Due Process For Automated Predictions*, George Washington University School of Law, June 5, 2014.
- American University Washington College of Law Faculty Workshop, *Regulating Mass Surveillance as Privacy Pollution: Learning from Environmental Impact Statements*, Washington, D.C., Feb. 7, 2014.
- Fordham Center on Law & Information Policy (CLIP), Information Law Faculty Workshop, *Regulating Mass Surveillance as Privacy Pollution: Learning from Environmental Impact Statements*, New York, NY (Nov. 15, 2013).
- 6th Annual Privacy Law Scholars Conference, *National ID Cards: Priming the Debate*, Berkeley, CA, June 2, 2013.
- U. Penn Law School, Faculty Workshop, Philadelphia, PA, March 28, 2013.
- Sloan Foundation, Simons Foundation & Benjamin N. Cardozo School of Law, Invited Panelist, Differential Privacy and Law and Policy. New York, NY, March 7, 2013.
- Ohio State Moritz College of Law, *The Second Wave of Global Privacy Protection*, Panelist: The Public Sector and Emerging Technology, Columbus, OH, Nov. 16, 2012.
- National Association of Women Judges, Panelist: *Plenary Session – Power and Reach of the Internet*, Miami Beach, Nov. 9, 2012.
- Yale Law School, Yale ISP Speaker Series, *Lessons Learned Too Well*, New Haven,

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CT, Oct. 18, 2012.

5<sup>th</sup> Annual Privacy Law Scholars Conference, *Lessons Learned Too Well*, George Washington University Law School, Washington, DC, June 7, 2012.

Cardozo School of Law, Panelist: *Anonymity and Identity in the Information Age*, New York, NY, May 4, 2012.

New York Law School, Internet Law Work-in-Progress Symposium, *Lessons Learned Too Well*, New York, NY, Mar. 24, 2012.

American Association of Law Schools (AALS) Annual Meeting, Section on Computer and Internet, *The Internet 'Kill Switch'*, Panelist, Washington, DC, Jan 6, 2012.

Law and Society Association 2011 Annual Meeting, Hot Topics in Privacy Law, Panel Chair and Organizer, San Francisco, CA, June 5, 2011.

4th Annual Privacy Law Scholars Conference, Commentator on Colin J. Bennett's In Defense of Privacy, Berkeley, CA, June 2, 2011.

GIGANet, Global Internet Governance: Research and Public Policy Challenges for the Next Decade, American University School of International Service, *ICANN's 'Affirmation of Commitments'*, Washington, D.C., May 6, 2011.

GIGANet, Global Internet Governance: Research and Public Policy Challenges for the Next Decade, American University School of International Service, Panelist, *IP Addressing in the New Age of Scarcity*, Washington, D.C., May 5, 2011.

NYU Law School, Colloquium on Innovation Policy, *Almost Free: An Analysis of ICANN's 'Affirmation of Commitments'*, New York, NY, Feb, 3, 2011

Silicon Flatirons Digital Broadband Migration Conference, Panelist, *The Governance Challenges of Cooperation In The Internet Ecosystem*, Boulder, CO, Feb 1, 2010.

2009 International Workshop on Privacy Aspects of Data Mining (PADM09), Panelist, *Privacy in Databases: From Theory to Practice*, Miami Beach, FL, Dec. 6, 2009.

Southeastern Association of Law Schools (SEALS) Conference, presentation on *What are Blogs Good for in the Legal Academy*, Palm Beach, FL, Aug. 3, 2009.

Internet ID Workshop, Participant, Mountain View California, March 18-19, 2009

BCLT Security Breach Notification Symposium, *Government Data Breaches*, Berkeley, CA., March 6, 2009

Yale ISP 10<sup>th</sup> Anniversary, Invited Guest, New Haven, Nov. 15-16, 2008

Brooklyn Law Faculty Colloquium, *Building the Bottom Up from the Top Down*, Brooklyn, NY, Sept. 22, 2008.

Fordham Law School, CLIP Law & Info Society Faculty Workshop, NY, NY, Sept. 19, 2008.

American Bar Association, Panelist, *CyberLaw: Expanding the Horizons*, Washington DC, June 19, 2008.

George Washington University Law School & Berkeley Law School, Privacy Law Scholars Conference, Discussant, *The ID Divide: Addressing the Challenges of Identification and Authentication in American Society*, Washington D.C., June 13, 2008.

Robert Woods Johnson Foundation, Participant, *Project Health Design Workshop #3*, Vanderbilt Center for Better Health, Nashville, TN, May 16 - 17, 2007

American Society for International Law, Panelist, Panel on "The Future of Internet

CONTINUED

- Governance", Washington, D.C., Mar. 29, 2007.
- UnBlinking: New Perspectives on Visual Privacy in the 21<sup>st</sup> Century, A Cross-Disciplinary Symposium, UC Berkely, CA, *PETs in Public*, Nov. 4, 2006.
- Georgia State University School of Law, Faculty Lunch Speaker Series, Atlanta, GA. Oct. 16, 2006.
- Bloggership Symposium, Berkman Center at Harvard Law School, Commentator on Panel on 'The Role of the Law Professor Blogger,' Boston, MA, Apr. 28, 2006.
- Owning Standards Symposium, *Creating a Viral Privacy Standard*, Boston College, Mar. 31, 2006.
- Faculty Works in Progress Seminar, University of Minnesota School of Law, *Creating a Viral Privacy Standard*, Minneapolis, MN, Mar. 23, 2006
- Massachusetts Institute of Technology (MIT), REAL ID Forum, Civil Liberties Issues in ID Cards, Cambridge, Mass. Nov. 17, 2005.
- Institute for Information Law & Policy at New York Law School, the Information Society Project at Yale Law School, and the Berkman Center for Internet and Society at Harvard Law School, State of Play III, Judge, Jury and Executioner for the "Great Debate," New York, N.Y., Oct 8, 2005.
- Duke Law Journal Thirty-Fifth Annual Administrative Law Conference, Speaker in panel on "The Role of the Internet in Agency Decisionmaking," Durham, North Carolina, Feb. 25, 2005.
- Yale Law School, Information Society Project, *The Global Flow of Information*, Panel on Information as Governance, *Plumbing the Depths*, New Haven, CT, April 3, 2005.
- American Association of Law Schools (AALS) Annual Meeting, Section on Financial Institutions and Consumer Financial Services, *Getting Paid in the 21st Century: Gift Cards, Mobile and Contactless Payments and Other Species of Electronic Money Transmission*, Panelist, San Francisco, CA, Jan 8, 2005.
- American Association of Law Schools (AALS) Annual Meeting, Section on Defamation and Privacy, *Private Matters, Public Cases: Privacy Implications of Electronic Court Filings*, Panelist, San Francisco, CA, Jan 5, 2005.
- Berkman Center for Internet & Society, Harvard Law School, Cyberprofs' Retreat, Newport, RI, August 1-6, 2004.
- People For Internet Responsibility (PFIR): Preventing the Internet Meltdown Conference, Panelist, Los Angeles, CA, July 26-28, 2004.
- Houston Law Center Institute for Intellectual Property and Information Law (IPIL), *When We Say America™ We Mean It*, Santa Fe, New Mexico, June 3, 2004.
- Harvard University, Weatherhead Center for International Affairs, International Identification Issues and Human Rights, Cambridge, MA, May 13, 2004.
- Yale Law School, CyberCrime and Digital Law Enforcement Conference, ID Cards; Or, Thoughts On What's at Stake in the Hiibel Case, New Haven, CT, March 27, 2004
- Yale Law School, Legal Theory Workshop, *National ID Cards*, New Haven, CT, March 25, 2004.
- Stanford Law School, Privacy Symposium, Stanford, CA, March 13, 2004.

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- University of Florida, Levin College of Law, Faculty Seminar, *The Uneasy Case for National ID Cards as a Means to Enhance Privacy*, Gainesville, FL, Jan. 16, 2004.
- Florida State University Law School, Faculty Seminar, *The Uneasy Case for National ID Cards as a Means to Enhance Privacy*, Tallahassee, FL, Nov. 24, 2003.
- New York Law School, Institute for Information Law and Policy & Yale Law School, Information Society Project, New York The State of Play: Law, Games and Virtual Worlds, *Virtual Worlds, Real Rules*, New York, N.Y, Nov. 13-15, 2003.
- 31st Annual Telecommunications Policy Research Conference, *Virtual Worlds, Real Rules* (with Caroline Bradley), Washington, D.C, Sept. 22, 2003.
- Georgetown University Law Center/Carnegie-Mellon/Century Foundation, National Security, New Technologies, and Individual Privacy: Shaping a 21st Century Public Information Policy, E-commerce discussant, Apr. 24-25, 2003.
- Yale Law School, Digital Democracy Conference, Panelist, New Haven, CT, Apr., 4 2003.
- Loyola University School of Law, Internet Conference, Discussant, Chicago, IL, Mar. 21, 2003.
- Cardozo Law School, International and Multi-Lingual Domain Names Conference, Mar. 17, 2003.
- University of Michigan, IP Seminar, *ICANN*, Ann Arbor, Mar. 12, 2003.
- NYU Law & The Federal Judicial Center, Workshop on the Internet and the Law, a Program for Federal Judges New York Univ, *Introduction to Internet Legal Issues*, New York, N.Y., Nov. 7, 2002.
- 30th Annual Telecommunications Policy Research Conference, *The Uneasy Case for National ID Cards as a Means to Enhance Privacy*, Washington, D.C, Sept. 29, 2002.
- Prospects for Electronic Democracy, Carnegie Mellon, The Prospects for Electronic Democracy, *Technologies for Democracy*, Pittsburgh PA, Sept. 20, 2002
- EPIC & EFF, The Public Voice in Internet Policy Making, *Lessons Learned from the ICANN Process, and from the ICANN-Critique Process*, Washington, D.C., June 22, 2002.
- Internet Society, INET '02, *Trademark Law Meets the Internet*, Washington, D.C., June 18, 2002.
- Johns Hopkins & George Mason Universities, New Technologies & International governance, *Internet Governance*, Washington, D.C., Feb. 11, 2002.
- Yale Law School, Tercentennial Celebration Program, Panel on Internet Governance, New Haven, CT, Nov. 3, 2001.
- 29th Annual Telecommunications Policy Research Conference, *ICANN & Anti-Trust* (with Mark Lemley), Alexandria, VA, Oct. 27, 2001.
- Tulane Law School, Faculty Seminar, *ICANN's UDRP: Its Causes and (Partial) Cures*, New Orleans, La, Oct. 12, 2001.
- Georgetown Law Center, Intellectual Property & Technology Law Colloquium, *habermas@discourse.net*, Washington. D.C., Sept. 20, 2001.
- 5th Circuit Judicial Conference, Moderator, Panel on Privacy, New Orleans, May, 2001.

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- American Bar Association, Section on Intellectual Property, *The UDRP: Anatomy of an Injustice*, Washington, D.C., Apr. 27, 2001.
- National Academy of Sciences, Inaugural Meeting of Committee on Internet Searching and the Domain Name System: Technical Alternatives and Policy Implications, Invited Speaker, Washington, D.C., Apr. 9, 2001.
- Senate Commerce, Science and Transportation Committee, Communications Subcommittee, Witness, hearing on "ICANN Governance", Washington, D.C. Feb. 14, 2001.
- Cardozo Law School, *Privatizing Trademark Law: The Case of Domain Names*, New York, NY, Feb. 12, 2001.
- U.S. House of Representatives Committee on Energy & Commerce Subcommittee on Telecommunications, Witness, hearing on "Is ICANN's New Generation of Internet Domain Name Selection Process Thwarting Competition?", Washington D.C., Feb. 8, 2001.
- United Nations, Economic and Social Committee (ECOSOC), Panel on Governance of The Global information Economy, New York, N.Y. June 28, 2000.
- New York University Law School, Engelberg Center on Innovation Law and Policy, Colloquium on Innovation Policy, *Private Law for Public Problems*, March 16, 2000
- Duke Annual Administrative Law Symposium, *Quangos In Cyberspace*, Durham, N.C., Mar. 3, 2000.
- Markle Foundation Experts Meeting, Panelist, New York, Feb. 15, 2000
- Stanford Law School, Privacy Symposium, *The Death of Privacy?*, Palo Alto, CA., Feb. 7, 2000.
- Association of American Law Schools, Mini-Workshop on the Impact of Technology on Law and Legal Culture, Plenary Session: The Intersection of Law and Technology, *The Virtual Law School*, Washington, D.C. Jan. 6, 2000.
- Association of American Law Schools, Mini-Workshop on the Impact of Technology on Law and Legal Culture, Breakout Session: *Teaching Complexity*, Washington, D.C. Jan. 6, 2000.
- 27th Annual Telecommunications Policy Research Conference, Global Governance Panel, *Semi-Private International Rulemaking: Lessons Learned from the WIPO Domain Name Process*, Alexandria, VA, Sept. 27, 1999.
- Computer Professionals for Social Responsibility, Governing the Commons: The Future of Global Internet Administration, *The Root of All Evil?*, Alexandria, Va., Sept. 25, 1999.
- 1999 Annual Meeting Law & Society, *Fearfully Strong Encryption*, Chicago, IL, May 30, 1999.
- University of California, Davis, Faculty Seminar, Davis, CA, Apr. 23, 1999
- CFP99, BOF: Trademarks, Human Rights, & WIPO's RFC, Washington, D.C., Apr. 7-8, 1999.
- Law Culture & the Humanities, *Habermas@discourse.net*, Winston-Salem, NC., Mar. 12, 1999.
- U.C. Berkeley Center for law & Technology, Haas School of Business, Symposium on

CONTINUED

- Legal and Policy Framework for Global Electronic Commerce: A Progress Report on the Magaziner Report Two Years Out, *Of Governments and Governance*, Berkeley, Mar. 6, 1999.
- NYU Law School Journal of Legislation and Public Policy, Panelist, Symposium on Constitutional Ramifications of Encryption, N.Y., N.Y., Nov. 19, 1998.
- 26<sup>th</sup> Annual Telecom Policy Research Conference (TPRC), Moderator, Panel on The Impacts of Policies for Restricting Dissemination and Reception of Illegal Speech on the Internet, Alexandria, Oct. 3-5, 1998.
- 1998 EPIC Cryptography and Privacy Conference, Panelist, *US Export Control Litigation: What Will the Courts Decide*, Washington, D.C., June 8, 1998.
- U.C. Berkeley, *Symposium on UCC 2B, 2B as Legal Software for Electronic Contracting -- Operating System or Trojan Horse?*, Berkeley, CA, Apr. 24, 1998.
- Chicago-Kent Law Review, *The Empire Strikes Back* (Comment), Chicago, Mar. 13, 1998
- Computers, Freedom & Privacy 1998, Moderator, *Cryptography at the Fringes*, Austin, Texas Feb. 19, 1998.
- Association of American Law Schools, Section on Mass Communications, *Metaphors on the Internet*, San Francisco, Jan. 9, 1988.
- American Association for the Advancement of Science (AAAS), National Science Foundation Seminar on Anonymity, Invited Paper on *Legal Issues in Anonymous Electronic Communication*, Washington, D.C., Nov. 21-23, 1997.
- General Services Administration, Invited Speaker, Round Table Discussion on *Identity Proofing by Certification Authority Services in support of Personal Electronic Notary Services (PENS)*, Washington, D.C., Nov. 4, 1997.
- Georgetown University Law Center, Chair, Panel on Privacy and Technology, *Privacy at the Crossroads: Law, Technology and Public Policy*, Washington, D.C., Oct. 20, 1997.
- 25<sup>th</sup> Annual Telecom Policy Research Conference (TPRC), Chairman, Panel on Privacy, Alexandria, Va. Sept. 29, 1997.
- National Research Council, Computer Science and Telecommunications Board, Invited Guest, *Workshop on Economic and Social Impacts of Computing and Communications*, Berkeley, CA, June 30-July 1, 1997.
- Organizational meeting of the Computer Science and Telecommunications Board (CSTB) of the National Research Council joint NRC/GAAC (German American Academic Council) project on "Local Values and the Global Internet," invited speaker, Washington D.C., Apr. 2-3, 1997.
- Computers, Freedom & Privacy 1997, Judge CDA Moot Court; Moderator, Panel on *Social Consequences of Electronic Cash*, Burlingame, CA, Mar. 15, 1997.
- Bricks & Bytes, *Thinking the Unthinkable About the Virtual Law School*, ABA Section of Legal Education, Washington University School of Law, St. Louis, Mar. 7, 1997.
- Harvard Information Infrastructure Project, *The Next Economy?*, Internet Publishing and Beyond: The Economics of Digital Information and Intellectual Property, Cambridge, MA, Jan. 24, 1997.
- AALS, *Three Scary Scenarios for Cyberbanking*, Joint Session of Sections on Law &

CONTINUED

- Computers, Privacy, and Banking, Washington, D.C., Jan. 5, 1997.
- AALS, *Self-Publishing on the World Wide Web: Tools, Tips, Tricks and Troubles*, Mini-Workshop on Computer Assisted Learning, Washington, D.C., Jan. 4, 1997
- American Society for Information Science, New England Chapter (NEASIS), Your Business, The World's Business? Privacy in the Electronic Environment, *The Essential Role of Trusted Third Parties in Electronic Commerce*, MIT, Boston, MA., Nov. 13, 1996.
- IC<sup>2</sup> Institute, University of Texas, International Conference on Electronic Markets, *Flood Control on the Information Ocean*, Austin, TX, Nov. 7, 1996.
- Stanford University, Security and Freedom through Encryption (SAFE) Forum, *Panelist: Addressing Law Enforcement Concerns in a Constitutional Framework*, Palo Alto, CA, July 1, 1996.
- UNCITRAL Advisory Group, Washington, D.C, May 19, 1996.
- NCAIR Conference on Electronic Dispute Resolution, Invited Guest, Washington, D.C., May 18-19, 1996.
- Computers, Freedom & Privacy 1996, *Moot Court Problem Design Team*, Boston, Mass., Mar. 1996.
- Harvard Law School & Kennedy School, Harvard University, Information, National Policies, and International Infrastructure, *The Internet as a Source of Regulatory Arbitrage*, Cambridge, Mass., Jan. 27, 1996.
- Association of American Law Schools (AALS), Law and Computers Section, *Commerce on the Net: Digital Signatures and the Law*. San Antonio, TX, Jan. 6, 1996.
- University of Chicago Legal Forum, The Law of Cyberspace, *It Came From Planet Clipper*, Chicago, Ill., Nov. 4, 1995.
- University of Oregon, Internet Law Conference, *The Essential Role of Trusted Third Parties in Electronic Commerce*, Eugene, Oregon, Nov. 3, 1995.
- Worldwide Electronic Commerce: Law, Policy, Security & Controls Conference, *When You Forget Your PIN or Die: Key Escrow in Secure Communication*, Bethesda Md., Oct. 18-20, 1995.
- University of Pittsburgh, Conference for the Second Century of the University of Pittsburgh School of Law: The Adequacy of Current Legal Paradigms to Meet Future Challenges, Panel on The Regulation of Computing and Information Technology. *Flood Control on the Information Ocean: Living With Anonymity, Digital Cash, and Distributed Data Bases*, Pittsburgh, PA, Sept. 21, 1995.
- Electronic Privacy Information Center Conference, 1995 Privacy Seminar, Moderator, Panel on Privacy and Encryption, 1995. Washington, D.C., June 5, 1995.
- University of Texas, Data Security, Encryption and Privacy, The Emerging Law of Computer Networks, An Introduction to Internet Anonymity, Austin, Texas, May 19, 1995.
- George Washington University Engineering Dept. Colloquium lecture, *Clipper and the Law*, Washington, D.C., April 12, 1995.
- Computers, Freedom & Privacy 1995, Panel Chairman, Can We Talk Long-Distance? Removing Impediments to Secure International Communications, Burlingame,

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- CA, Mar. 31, 1995.  
Columbia Institute for Tele-Information, Discussant, Constitutionality of Mandatory Key Escrow, Cryptography: Technology, Law and Economics, Columbia University, New York, N.Y., Mar. 3, 1995.  
Sun User's Group, Unix & the Law, *Clipper and the Constitution* Austin, Texas, Nov. 16, 1994.

## LOCAL (SOUTH FLORIDA)

- Conference on the Future of Legal Services (U.Miami & St. Gallen), Presenter, April 16, Coral Gables  
Center for the Study of the Presidency and Congress, Invited Participant, Off-the-Record Roundtable on Autonomous Vehicles: Policy, Innovation & Local Impact, Feb, 20, 2018.  
University of Miami Law Review Symposium: *Hack the Future*, Panelist, Emerging Technologies: Artificial Intelligence, Legal Automation, and Beyond, Feb. 9, 2018.  
University of Miami Data Privacy Day, Panelist, Feb. 7, 2018.  
University of Miami Federalist Society, Debate (with Chris Walker) on Chevron deference, separation of powers, and other administrative law topics, Jan. 26, 2017.  
University of Miami Law Review Symposium: *The Constitution on Campus: Do Students Shed Their Rights at the Schoolhouse Gates?*, Moderator of Panel on Internet Privacy Rights, Feb. 6, 2016  
We Robot 2014, *Self-Defense Against Robots*, Apr. 5, 2014.  
University of Miami Citizen's Board, *Is Privacy Dead?*, Feb. 5, 2014.  
University of Miami Law Review, Social Media and the Law, Moderator *Will You Have a Digital Afterlife?*, Feb. 15, 2013.  
UM Law Diversity Week, Panelist, *Cyberbullying*, Jan. 19, 2012.  
Miami-Dade Consumer Services Dept, Miami-Dade County Public Schools Youth and Elderly Against Crime Task Force, Miami-Dade Police Dept. et al., Panelist *Identity Theft: When Fact Becomes Fiction*, Florida International University, April 12, 2005.  
University of Miami School of Law, Global Governance Symposium, Invited Speaker, *The World Turned Upside Down*, Coral Gables, FL, March 4, 2005.  
Florida Bar, Business Law Section, Computer Law Committee, *ICANN and Domain Name Update*, Miami, FL, Jan. 20, 2005.  
National Academy of Sciences, Computer Science and Telecommunications Board, Committee on Privacy in the Information Age, Invited Speaker, *Privacy and Anonymity*, Coral Gables, FL, Jan. 30, 2003.  
U. Miami. Inter-American Law Review, Symposium: *The Internet in Latin America: Barriers to Intellectual Property Protection*, Moderator Panel on Dispute Resolution in Cyberspace and Closing Address, Coral Gables, FL., Mar. 22,

CONTINUED

- 2002.
- South Florida Regional Counsel Group, *Domain Name Arbitration*, Coral Gables, FL, Mar. 7, 2002.
- Miami-Dade Consumer Services Dept., TV panel *Privacy & Identity Theft*, Miami-Dade TV Channel (cable), Panelist, Feb. 04, 2002 (repeated subsequently)
- American Bar Association, Speaker, Roundtable on ICANN and Domain Names, Miami, FL., Apr. 19, 2001.
- Law & Society Assoc., *Private Rules for Public Problems*, Panel on Annual Meeting, Miami Beach, FL, May 28, 2000.
- www.internetlaw.com III, *Goodbye Network Solutions, Hello ICANN; domain Name Registration and dispute Resolution under the New Regime*, FI Bar Business Law Section, Miami, FL, Feb.11, 2000.
- 56<sup>th</sup> *Curso Internacional de Criminologia: Mundialização, Criminalidade E Violência*, Technological Progress and the Destruction of Privacy, Miami, Sept. 8, 1999.
- Florida Bar, 24<sup>th</sup> Annual Media-Law Conference, *Media-Law Approaches the Millennium*, Panelist on *Death of Defamation: How the Internet Will Destroy the Tort*, Miami, FL., March 21, 1998.
- University of Miami School of Law, Third Annual International Tax Institute: Tax Aspects of Electronic Commerce, *The Internet: A Free Port in Every PC?*, Coral Gables, FL, Feb. 21, 1998.
- Southeastern LawTech '97, *Document Security & Cyberspace*, Miami, FL, Oct. 28, 1997.
- Hate Speech on the Internet, Panelist, University of Miami Law School Forum (with Anti-Defamation League), Coral Gables, FL, Oct. 8, 1997.
- U. Miami Continuing Legal Education, Speaker, *Ethics and the Internet*, Miami, FL, June 27, 1997.
- First Annual Institute on Law in the Information Age: The Legal Internet, *Digital Signatures and Certificates*, Miami, FL, April 18, 1997.
- Financial Markets Association, 6<sup>th</sup> Annual FMA Treasury and Capital Markets Compliance Seminar: Managing Compliance Risk in a Complex Banking Environment, Discussion Leader, Miami Beach, FL, Mar. 19, 1997.
- Datanet Security '97, *Electronic Cash is Hard to Regulate*, Miami, FL, Feb. 19, 1997.
- Florida Department of State, Digital Signature Advisory Committee, Tallahassee, FL, *Issues in the Regulation of Certification Authorities*, October 15, 1996.
- Sun User's Group, Computers & the Law II, *Debate: Is the Internet a New Jurisdiction?*, Tampa, FL, Nov. 12, 1995.

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- Drake Law School, Participant, *The Constitution and the Internet* (Online Seminar), Feb. 26-Mar. 2, 2001.
- Cornell Law School, Computer Policy & Law Seminar, Internet Governance Panel, Ithaca, N.Y., July 29, 2000 (by video conference).
- Berkman Center for Internet and Society, ICANN: Issues Ahead, *ICANN Uniform Dispute Resolution Policy*, Los Angeles, Oct. 31, 1999 (participation by webcast).

- Communications Regulation in the Global Information Society, *Making Fair Rules on the Internet*, University of Warwick, June 5, 1999 [by telephone & powerpoint].
- 6<sup>th</sup> Annual Counsel Connect Seminar of Law of the Electronic Road (e-symposium), Nov, 1998.
- The Law of the Electronic Road -- Commerce, Property, Privacy and Free Speech on the Information Highway (Lexis Counsel Connect, Online Seminar, Aug 11- Sept. 10, 1997.
- Virtual Institute of Information, Panelist, *Secrecy or Social Contract: The Worldwide Cryptography Debate*, June 5, 1997, online at <http://www.ctr.columbia.edu/vii>
- National Law Journal, Tele-conference on Legal Ethics in Cyberspace, Panelist, April 10, 1997.
- University of Texas, Communicating and Conducting Business On-Line, *Encryption and Anonymity*, Austin, Texas, May 17, 1996.
- The Law of the Electronic Road -- Commerce, Property, Privacy and Free Speech on the Information Highway, Panelist, Cryptography Section, Lexis Counsel Connect, Online Seminar, May 30 - June 15, 1995.
- The Law of the Electronic Road -- Commerce, Property, Privacy and Free Speech on the Information Highway, Panelist, Cryptography Section, Lexis Counsel Connect, Online Seminar, Nov. 8 - Dec. 9, 1994.