

JOAN FEIGENBAUM

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STREET ADDRESS

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EMPLOYMENT HISTORY

| | |
|--|-------------------|
| Yale University, New Haven, CT | |
| <i>Grace Murray Hopper Professor of Computer Science</i> | 04/2008 – Present |
| <i>Professor (Adjunct) of Law</i> | 07/2016 – 06/2017 |
| <i>Department Chair, Computer Science</i> | 07/2014 – 06/2017 |
| <i>Henry Ford II Professor of Computer Science</i> | 01/2006 – 03/2008 |
| <i>Professor of Computer Science</i> | 07/2000 – 12/2005 |
| AT&T Labs – Research, Florham Park, NJ | |
| <i>Member of Research Staff</i> | 1996 – 6/2000 |
| <i>Department Head, Algorithms and Distributed Data</i> | 1998 – 1999 |
| AT&T Bell Laboratories, Murray Hill, NJ | |
| <i>Member of Technical Staff</i> | 1986 – 1995 |

EDUCATION

| | |
|--|------|
| Stanford University, Ph.D. in Computer Science | 1986 |
| Thesis Advisor: A. C. Yao | |
| Harvard University, A.B. in Mathematics | 1981 |
| Thesis Advisor: B. Mazur | |
| Yale University, M.A. Privatum | 2001 |

CITIZENSHIP: United States

AWARDS

| | |
|---|----------------|
| Test of Time Award, IEEE Symposium on Security and Privacy ¹ | 2020 |
| Amazon Scholar | 2018 – Present |
| Member, Connecticut Academy of Science and Engineering | 2013 – Present |
| Fellow, American Association for the Advancement of Science | 2012 – Present |
| Connecticut Technology Council “Women of Innovation” | 2012 |
| Fellow, Association for Computing Machinery | 2001 – Present |
| Plenary Lecturer, American Mathematical Society Winter Meeting | 1999 |
| Invited Lecturer, International Congress of Mathematicians | 1998 |

¹M. Blaze, J. Feigenbaum, and J. Lacy, *Decentralized Trust Management*, 1996.

RESEARCH INTERESTS

Security, Privacy, Anonymity, and Accountability
Internet Algorithmics
Computational Complexity

EDITORIAL BOARDS

| | |
|--|-------------|
| <i>PeerJ, Computer Science</i> , Board Member | 2015 – 2022 |
| <i>Theory of Computing Systems</i> , Board Member | 2017 – 2019 |
| <i>ACM Trans. Economics and Computation</i> , Board Member | 2011 – 2016 |
| <i>J. Cryptology</i> , Editor-in-Chief | 1997 – 2002 |
| <i>SIAM J. Computing</i> , Board Member | 1993 – 2002 |
| <i>J. Algorithms</i> , Board Member | 1992 – 1996 |
| <i>J. Cryptology</i> , Board Member | 1990 – 1996 |
| <i>IEEE Trans. on Information Theory</i> , Guest Editor | 1996 |
| <i>J. Computing and System Sciences</i> , Guest Editor | 1991, 1998 |
| <i>J. Cryptology</i> , Guest Editor | 1989 – 1990 |
| <i>Communications of the ACM</i> , Guest Editor | 1988 – 1989 |

PROGRAM-COMMITTEE CHAIR

| | |
|---|------|
| <i>ACM Symposium on Computer Science and Law</i> (Co-Chair with C. S. Yoo) | 2022 |
| <i>IACR Workshop on Encryption and Surveillance</i> (Co-Chair with T. Edgar and D. Weitzner) | 2018 |
| <i>ACM Symposium on Theory of Computing</i> | 2013 |
| <i>NetEcon</i> (Co-Chair with Y. R. Yang) | 2008 |
| <i>ACM Conference on Electronic Commerce</i> (Co-Chair with M. Seltzer) | 2004 |
| <i>ACM Workshop on Digital Rights Management</i> | 2002 |
| <i>IEEE Conference on Computational Complexity</i> | 1998 |
| <i>Crypto</i> | 1991 |

PROGRAM-COMMITTEE MEMBER

| | |
|--|---------------------------------|
| <i>Crypto</i> | 1989, 1993, 1996 |
| <i>Eurocrypt</i> | 1992, 1999 |
| <i>Financial Cryptography</i> | 1999, 2000 |
| <i>Workshop on Applied Homomorphic Cryptography</i> | 2016 |
| <i>ACM Workshop on Privacy in the Electronic Society</i> | 2020 |
| <i>ACM Conference on Computer and Communications Security</i> | 1993, 1994, 2005 |
| <i>IEEE Computer Security Foundations</i> | 2000, 2012 |
| <i>ACM Workshop on Security and Privacy in Digital Rights Management</i> | 2001 |
| <i>PETS Workshop on Surveillance and Technology</i> | 2015 |
| <i>ACM Symposium on Theory of Computing</i> | 1991, 1994, 1999, 2001, 2008 |

PROGRAM-COMMITTEE MEMBER, Continued

| | |
|--|------------|
| <i>IEEE Conference on Computational Complexity</i> (Then called "Structure in Complexity Theory") | 1993 |
| <i>Intl. Colloquium on Automata, Languages, and Programming</i> | 2011 |
| <i>Intl. Computing and Combinatorics Conference</i> | 1998 |
| <i>ACM/SIAM Symposium on Discrete Algorithms</i> | 1999 |
| <i>ACM Symposium on Principles of Distributed Computing</i> | 2004, 2009 |
| <i>Workshop on Internet and Network Economics</i> | 2005, 2008 |
| <i>ACM Conference on Electronic Commerce</i> | 2011 |
| <i>ACM Conference on Economics and Computation</i> | 2014 |
| <i>ACM Web Science</i> | 2012 |
| <i>NetDB</i> | 2007 |
| <i>World Wide Web Conference</i> | 2009 |
| <i>USENIX Workshop on Free and Open Communication on the Internet</i> | 2013 |
| <i>ACM "Turing 50" Celebration</i> | 2017 |

DIMACS-WORKSHOP CHAIR

| | |
|--|------|
| CS&Law: Content Moderation (Co-chair with E. Goodman, D. Karger, and D. Pennock) | 2022 |
| Co-Development of Computer Science and Law (Co-chair with J. Kroll and D. Pennock) | 2020 |
| Data Mining in the Internet Age (Co-chair with R. Agrawal, P. Raghavan, and J. Ullman) | 2000 |
| Management of Digital IP (Co-chair with D. Boneh and R. Venkatesan) | 2000 |
| Massive Data Sets in Telecommunications | 1997 |
| Trust Management and Public-Key Infrastructure (Co-chair with E. Brickell and D. Maher) | 1996 |
| Complexity of Computer-Aided Verification (Co-chair with R. Brayton and A. Emerson) | 1996 |
| Structural Complexity and Cryptography (Co-chair with E. Allender and J.-Y. Cai) | 1990 |
| Distributed Computing and Cryptography (Co-chair with M. Merritt) | 1989 |

ELECTED POSITIONS

| | |
|--|-------------|
| ACM Vice President | 2020 – 2022 |
| ACM Sigecom Vice Chair | 2005 – 2011 |
| ACM Sigact Executive-Committee Member | 2005 – 2009 |
| Association for Women in Mathematics (AWM), Member at Large | 2000 – 2004 |

OTHER PROFESSIONAL SERVICE

| | |
|--|-------------|
| IEEE Symposium on Security and Privacy Test-of-time Award, Selection-Committee Member | 2019 – 2020 |
| IEEE Computer Pioneer Award, Selection-Committee Member | 2019 – 2020 |

OTHER PROFESSIONAL SERVICE, Continued

| | |
|---|----------------|
| ACM Symposium on Computer Science and Law, General Chair | 2019 |
| Gödel Prize, Selection-Committee Member | 2018 – 2020 |
| CRISP (Center for Security and Privacy Research Darmstadt), Scientific Advisory-Board Member | 2016 – Present |
| ACM SIGEcom Test of Time Award, Selection-Committee Member | 2014 – 2016 |
| ACM Fellows, Selection-Committee Member | 2012 – 2015 |
| Knuth Prize, Selection-Committee Member | 2009 – 2012 |
| NSF Network Science and Engineering (NetSE), Council Member | 2008 – 2009 |
| NSF Cyber-Trust PI Meeting, Local Arrangements Chair | 2008 |
| Web Sciences Research Institute, Scientific Council Member | 2006 – 2010 |
| NetEcon, Steering Committee Member | 2006 – 2021 |
| ACM Conference on Electronic Commerce, General Chair | 2006 |
| Member, SIGACT Committee for the Advancement of Theoretical Computer Science | 2005 – 2007 |
| DIMACS Special Focus on Computation and the Socio-Economic Sciences, Steering-Committee Member | 2004 – 2007 |
| International Association for Cryptologic Research, Fellows-Selection-Committee Member | 2003 – 2006 |
| American Association for the Advancement of Science Symposium, Session Organizer and Chair: <i>Incentive Compatibility in Internet Computation</i> | 2003 |
| Member, NAS Computer Science and Telecommunications Board | 2002 – 2007 |
| ACM Conference on Electronic Commerce, Tutorial Co-chair (with B. Grosz) | 2003 |
| ACM Workshop on Digital Rights Management, General Co-chair (with T. Sander) | 2003 |
| ACM Grace Murray Hopper Award, Selection-Committee Member | 2001 – 2006 |
| Institute for Mathematics and Its Applications (IMA), Member of Board of Directors | 1999 – 2002 |
| DIMACS Special Focus on Next-Generation Networks, Co-chair (with S. Muthukrishnan) | 2000 – 2003 |
| Advisory-Board Member, Johns Hopkins University Computer Science | 1999 – 2000 |
| National Research Council Panel Member, Intellectual Property Protection in the Emerging Information Infrastructure | 1998 – 1999 |
| DIMACS Special Year on Massive Data Sets, Steering-Committee Member | 1997 – 1998 |
| DIMACS Research and Educational Institute (DREI '97): Three-week course and workshop on cryptology and security, Co-director (with S. Rudich) | 1997 |
| IEEE Conference on Computational Complexity, Steering-Committee Member | 1994 – 1997 |
| DIMACS Special Year on Logic and Algorithms, Steering-Committee Member | 1995 – 1996 |
| DIMACS Project-Committee Chair | 1994 – 1996 |

OTHER PROFESSIONAL SERVICE, Continued

| | |
|--|-------------|
| National Academy of Sciences “Frontiers of Science” Symposium, Session organizer and chair: <i>Security and Privacy in the Information Economy</i> | 1996 |
| NSF Conference on Women in Science, Panel Member: <i>Past, Present, and Future Challenges</i> | 1995 |
| National Academy of Sciences “Frontiers of Science” Symposium, Participant | 1995 |
| American Association for the Advancement of Science Symposium, Session organizer and Chair: <i>Information Security: Principles and Public Policy</i> | 1995 |
| Computing Research Association Committee on the Status of Women, Charter Member | 1991 – 1996 |
| Grace Hopper Celebration of Women in Computing, Panel Member: <i>Science Policy</i> | 1994 |
| NSF, Contributor to Thirteen Proposal-Evaluation Panels | 1993 – 2018 |

GRANTS

| | |
|---|---------------|
| NSF and ONR, N00014-980219 <i>ONR/NSF/AWM Workshops for Women Graduate Students and Postdoctoral Mathematicians</i> Co-PI (with S. Lenhart (PI) of Univ. Tennessee, C. Gordon of Dartmouth Univ., and G. Ratcliff of Univ. Missouri) \$230,000 | 01/97 – 12/99 |
| Army Research Office, DAAG55-98-1-0393 <i>Checkers, Self-Testers, and Self-Correctors for Reactive Systems</i> Co-PI (with S. Kannan (PI) and I. Lee of Univ. Pennsylvania) \$270,000 | 07/98 – 07/01 |
| DARPA, AF F39502-99-1-0512 <i>Scalable Trust of Next-Generation Management (STRONGMAN)</i> Co-PI (with J. Smith (PI) of Univ. Pennsylvania and M. Blaze and J. Ioannidis of AT&T) \$1,405,000 | 07/99 – 06/02 |
| ONR, N00014-01-1-0388 & AFOSR F49620-01-1-0157 <i>Workshop Grant in support of AWM Workshops for Women Graduate students and Postdoctoral Mathematicians</i> Co-PI (with S. Lenhart (PI) of Univ. Tennessee, S.Geller of Texas A & M, E. Schaefer of Marymount Univ., and G. Ratcliff of Univ. Missouri) \$259,000 | 01/01 – 12/03 |
| ONR, N00014-01-1-0795 <i>Software Quality and Infrastructure Protection for Diffuse Computing</i> Co-PI (with A. Scedrov (PI) and five other co-PIs) \$5,000,000 | 05/01 – 04/06 |

GRANTS, Continued

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|--|---------------|
| ONR, N00014-01-1-0447 <i>A Game-Theoretic Treatment of Denial of Service</i> \$51,000 | 06/01 – 12/01 |
| NSF, CCR-0105337 <i>Massive Data Streams: Algorithms and Complexity</i> PI (with S. Kannan of Univ. Pennsylvania) \$256,300 | 06/01 – 05/04 |
| NSF, CCR-TC-0208972 <i>GRIDLOCK: A New Scalable Approach to Unifying Computer and Communications Security</i> PI (with A. Keromytis of Columbia Univ. and J. Smith of Univ. Pennsylvania) \$600,000 | 07/02 – 07/05 |
| NSF, ITR-0219018 <i>Foundations of Distributed Algorithmic Mechanism Design</i> \$485,000 | 08/02 – 07/05 |
| NSF, ANIR-NR-0207399 <i>Incentive-Compatible Designs for Distributed Systems</i> PI (with A. Krishnamurthy and R. Yang of Yale Univ. and S. Shenker of ICSI) \$425,000 | 08/02 – 08/05 |
| NSF, ITR-0331548 <i>Sensitive Information in a Wired World</i> Yale PI (with D. Boneh (PI), H. Garcia-Molina, J. Mitchell, and R. Motwani of Stanford; R. Kannan and A. Silberschatz of Yale; S. Forrest (PI) of Univ. New Mexico; H. Nissenbaum (PI) of NYU; and R. Wright (PI) of Rutgers) \$12,500,000 | 10/03 – 09/10 |
| US-Israel BSF, 2002065 <i>Decentralized Resource Allocation: Incentives and Computation</i> US PI (with N. Nisan (Israeli PI) of Hebrew University) \$120,000 | 10/03 – 09/07 |
| ONR, N00014-04-1-0725 <i>Trustworthy Infrastructure, Mechanisms, and Experimentation for Diffuse Computing</i> Co-PI (with A. Scedrov (PI) and S. Zdancewic of Univ. of Pennsylvania, J. Mitchell of Stanford Univ., J. Halpern of Cornell Univ., and P. Lincoln of SRI) \$1,000,000 | 06/04 – 05/06 |
| NSF, CNS-0428422 <i>An Economic Approach to Security</i> PI (with D. Bergemann of Yale Univ. and S. Shenker of ICSI) \$699,400 | 09/04 – 08/08 |

GRANTS, Continued

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|---|---------------|
| HSARPA, ARO-W911NF-05-1-0417 <i>Incrementally Deployable Security for Interdomain Routing</i> Co-PI (with J. Rexford (PI) of Princeton Univ.) \$407,483 | 08/05 – 04/08 |
| NSF, IIS-0534052 and IIS-0534198 <i>New Privacy Frameworks for Collaborative Information Sharing</i> Co-PI (with V. Shmatikov (PI) of Univ. Texas) \$361,690 | 01/06 – 12/08 |
| ARO, W911NF-06-1-0316 <i>Cyber-Threat Analytics</i> Yale PI (subcontract from SRI International, P. Porras (PI)) Yale budget: \$92,852 | 07/06 – 07/08 |
| IARPA, FA8750-07-0031 <i>End-to-end, semantic accountability</i> Co-PI (with D. Weitzner (PI), H. Abelson, T. Berners-Lee, and G. Sussman of MIT, and J. Hendler of RPI) \$2,081,164 | 06/07 – 05/10 |
| NSF, CCF-0728500 and CCF-0728443 <i>Foundations of Next-Generation Routing</i> Co-PI (with S. Shenker (PI) of ICSI) \$271,000 | 09/07 – 08/11 |
| NSF, CNS-0716158, CNS-0716172, and CNS-0716223 <i>Massive-Dataset Algorithmics for Network Security</i> Co-PI (with V. Shmatikov (PI) of Univ. Texas and S. Kannan of Univ. Pennsylvania) \$250,000 | 10/07 – 09/10 |
| ONR, N00014-09-10757 <i>Proactively Removing the Botnet Threat</i> PI (with S. Bellovin, A. Keromytis, and S. Stolfo of Columbia, V. Shmatikov and M. Walfish of Univ. Texas, and B. Ford of Yale) \$883,627 | 04/09 – 09/10 |
| NSF, CNS-1016875 and CNS-1018557 <i>Accountability and Identifiability</i> Co-PI (with R. Wright (PI) and A. Jaggard of DIMACS) \$500,000 | 08/10 - 07/13 |
| DARPA, N66001-11-C-4018 <i>DISSENT: Scalable and Disruption-Proof Anonymity for Interactive Internet Communication</i> Co-PI (with B. Ford (PI) of Yale and V. Shmatikov of Univ. Texas) \$2,078,695 | 10/10 - 09/14 |
| IARPA, D11PC20198 <i>SPADE: Secure and Private Database Execution</i> Yale PI (subcontract from Applied Comm. Scis., T. Panagos (PI)) Yale budget: \$558,019 | 10/11 – 03/15 |

GRANTS, Continued

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| ONR, N00014-12-10478 <i>Reasoning Infrastructure for Secure-Aware Software Development</i> Co-PI (with B. Ford (PI) and Z. Shao of Yale) \$750,000 | 04/12 – 09/15 |
| ONR, N000014-12-10522 <i>Optimal Design of Peer Production and Crowdsourcing Systems</i> PI (with S. Jain (postdoc) of Yale) \$350,000 | 07/12 – 06/15 |
| Google Faculty Research Award <i>Accountability and Choice in Online Consumer Feedback</i> PI (with G. Zervas (postdoc) of Yale and J. Byers of Boston Univ.) \$53,000 | 09/12 – 02/13 |
| DARPA, FA8750-13-2-0058 <i>Systematization of Secure Computation</i> PI (with R. Wright of DIMACS) \$678,093 | 01/13 – 05/15 |
| NSF CNS-1409599 <i>Hiding Hay in a Haystack: Integrating Censorship Resistance into the Mainstream Internet</i> PI \$600,000 | 09/14 – 08/20 |
| NSF CNS-1407454 <i>An App-Centric Transport Architecture for the Internet</i> PI \$400,000 | 09/14 – 08/19 |
| Google Faculty Research Award <i>Privacy and Accountability in Lawful Surveillance</i> PI \$54,500 | 03/15 – 08/16 |
| DHS grant FA8750-16-2-0034 <i>PriFi Networking for Tracking-Resistant Mobile Computing</i> PI (with B. Ford of EPFL) \$484,581 | 02/16 – 07/17 |
| William and Flora Hewlett Foundation grant 2016-3834 <i>Law and Technology of Cyber Conflict</i> Co-PI (with O. Hathaway (PI) and Scott Shapiro of Yale Law School) \$406,000 | 03/16 – 06/18 |
| ONR, N00014-18-1-2743 <i>PriFi: Tracking-Resistant, Intra-Organizational Networking</i> PI \$554,596 | 08/18 - 07/21 |

GRANTS, Continued

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|---|---------------|
| NSF ISS-1933535 <i>Student Travel Support for 2019 Symposium on Computer Science and Law</i> PI \$20,000 | 06/19 – 05/21 |
| Alfred P. Sloan Foundation grant G-2019-12415 <i>Support for the 2019 ACM Symposium on Computer Science and Law (CSLAW'19)</i> PI \$15,000 | 09/19 – 08/20 |
| NSF, CCF-2131541 and CCF-2131356 <i>Legally Accountable Cryptographic Computing Systems</i> Co-PI (with D. Weitzner (PI) and D. Jackson of MIT) \$741,699 | 10/21 - 09/23 |
| Algorand Foundation <i>PAVE: A Center for Privacy, Accountability, Verification, and Economics of Blockchain Systems</i> Co-PI (with C. Papamanthou (PI) and seven other co-PIs) \$5,750,000 | 07/22 - 07/27 |

EDUCATION AND MENTORING

All are Yale University courses, postdocs, or students unless otherwise specified.

Classroom Teaching

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|--|---|
| <i>Political Challenges of the Computer Age</i> | Spring, 2023; Spring, 2022; Spring, 2020; Spring, 2019 |
| <i>Topics in Computer Science and Global Affairs</i> | Fall, 2022 |
| <i>Topics in Computer Science and Law</i> | Spring & Fall, 2021; Fall, 2019; Spring 2018 |
| <i>Topics in Cryptography and Security</i> | Spring, 2020 |
| <i>Law and Technology of Cyber Conflict</i> | Fall, 2016 |
| <i>Law and Technology of Cyber Conflict: Practicum</i> | Spring, 2017 |
| <i>Computational Complexity</i> | Fall, 2018 Spring, 2016 Spring, 2015 Fall, 2012; Fall, 2010 Fall, 2009; Fall, 2008 Spring & Fall, 2007 |
| <i>Mathematical Tools for Computer Science</i> | Fall, 2012; Fall, 2009 |

EDUCATION AND MENTORING, Continued

Classroom Teaching, Continued

Sensitive Information in a Wired World

Fall, 2013; Fall, 2011
Spring, 2006
Fall, 2003

The Internet: Co-Evolution of Technology and Society

Spring, 2007
Fall, 2003

Economics and Computation

Fall, 2011; Fall, 2008
Spring, 2006
Spring, 2003
Spring, 2002

E-commerce: Doing Business on the Internet

Spring, 2003
Spring & Fall, 2001

E-commerce Foundations

Fall, 2000

Number-Theoretic Algorithms and Cryptography, Univ. of Pennsylvania

1996

Cryptography and Security, Columbia Univ.

1992

Computability and Complexity Theory, Columbia Univ.

1990

Combinatorics and Discrete Math, Columbia Univ.

1988

Postdocs

Mahdi Zamani

02/16 – 12/16

Georgios Zervas

07/11 – 06/13

Shaili Jain

10/10 – 04/13

Michael Schapira

10/08 – 09/10

Fernando Esponda

01/06 – 06/07

Nimrod Kozlovski

07/04 – 06/05

Michael Elkin

09/03 – 08/04

PhD Students

Caleb Malchik

Current

Raphael Ryger

Current

Lihi Idan

2021

Debayan Gupta

2016

Aaron Segal (co-advised with Bryan Ford)

2016

Hongda Xiao

2014

Felipe Saint-Jean

2010

Ramzi Dakdouk

2009

Aaron Johnson

2009

Vijay Ramachandran

2005

Jian Zhang

2005

Sheng Zhong

2004

Rahul Sami

2003

Ninghui Li, New York Univ.

2000

EDUCATION AND MENTORING, Continued

PhD Thesis-Committee Memberships

| | |
|--|---------|
| Emmanuel Adeniran | Current |
| John Lazarsfeld | Current |
| Argyris Oikonomou | Current |
| Talley Amir | Current |
| Sarah Scheffler, Boston University | 2021 |
| Michael Specter, MIT | 2021 |
| Mingfei Zhao | 2021 |
| John Maheswaran | 2015 |
| Ewa Syta | 2015 |
| Ennan Zhai | 2015 |
| Shaili Jain, Harvard Univ. | 2010 |
| Arvind Narayanan, Univ. of Texas | 2009 |
| Yinghua Wu | 2009 |
| Hao Wang | 2008 |
| Zheng Ma | 2007 |
| Zhiqiang Yang, Stevens Institute of Technology | 2007 |
| Kevin Chang | 2006 |
| Aleksandr Yampolskiy | 2006 |
| Kostas Anagnostakis, Univ. of Pennsylvania | 2005 |
| Dejing Dou | 2004 |
| Yael Gertner, Univ. of Pennsylvania | 2003 |
| Gauri Shah | 2003 |
| Xiaodong Sun, Rutgers Univ. | 2003 |
| Yehuda Lindell, Weizmann Institute of Science | 2002 |
| Angelos Keromytis, Univ. of Pennsylvania | 2001 |
| Kobbi Nissim, Weizmann Institute of Science | 2001 |
| Ashish Naik, SUNY Buffalo | 1994 |
| Nick Reingold | 1992 |

Masters Students

| | |
|-------------------|------|
| Swara Kopparty | 2015 |
| Aditi Jain | 2012 |
| Ran Zhao | 2012 |
| Shu-Chun Weng | 2011 |
| Ashley Green | 2004 |
| Raghava Vellanki | 2004 |
| Pei-Wei Wu | 2001 |
| Yang-Hua Chu, MIT | 1997 |

Other

| | |
|--|------|
| Women in Theory Symposium | 2008 |
| Panel Member: <i>Work-Life Balance</i> | |
| Panel Member: <i>Why Women Don't Ask</i> | |

EDUCATION AND MENTORING, Continued

Other, Continued

| | |
|--|------|
| Association for Women in Mathematics “After-Tenure” Workshop Panel Speaker: <i>Leadership Roles outside of the University</i> | 2004 |
| Association for Women in Mathematics Workshop Invited Speaker: <i>Research Careers in Corporate Laboratories</i> | 1998 |
| Grace Hopper Celebration of Women in Computing Panel Member: <i>Building a Research Program</i> | 1997 |
| Julia Robinson Celebration of Women in Mathematics Panel Member: <i>Nonacademic Careers</i> | 1996 |
| ACM Federated Computing Research Conference Symposium on Academic Careers for Women Panel Member: <i>Building a Research Program</i> | 1996 |
| ACM Federated Computing Research Conference Symposium on Academic Careers for Women Panel Member: <i>Making Connections</i> | 1993 |

SELECTED TALKS

| | |
|--|---------|
| Invited panel presentation, Yale Law School <i>AI and Big Data: Risks and Opportunities</i> | 02/2022 |
| Invited talk, Northwestern University IDEAL Workshop on “CS&Law: Evaluation and Accountability” <i>Accountability in Computing</i> | 04/2021 |
| Distinguished Lecture, Columbia University <i>Computer Science and Law: Opportunities and Research Directions</i> | 11/2020 |
| Dinner Speaker, Three Decades of DIMACS: The Journey Continues <i>ACM’s New Efforts in Computer Science and Law</i> | 11/2019 |
| Invited Lecture, Summer Research Institute, EPFL <i>ACM’s New Efforts in Computer Science and Law</i> | 06/2019 |
| Invited Lecture, Computer Science and Law Group, Boston University <i>Encryption and Surveillance: Why the “Exceptional-Access” Question Won’t Just Go Away</i> | 10/2018 |
| Panel Presentation, Multinational Cybersecurity Forum, Univ. of Haifa <i>Cyber Security and Surveillance: The Public/Private Interface</i> | 11/2017 |
| Invited Lecture, Digital Women Symposium, Univ. of Rome Tor Vergata <i>US Perspective on Women in CS</i> | 10/2017 |
| Invited Lecture, Quantitative Blitz, Yale Institute for Network Science <i>Security and Privacy (and why Yale should do more of it)</i> | 10/2017 |
| Project Overview, DARPA PROCEED PI Meeting <i>Where We Stand with Respect to SMPC</i> | 03/2015 |
| Invited Lecture, Pitney Bowes Security and Privacy Symposium <i>Accountability and Deterrence in Online Life</i> | 06/2013 |
| Distinguished Lecture, University of Michigan <i>The DISSENT Approach to Anonymous, Interactive Communication on the Internet</i> | 01/2013 |

SELECTED TALKS, Continued

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|--|---------|
| Invited Lecture, ACM/IEEE Symp. on Logic in Computer Science <i>Privacy, Anonymity, and Accountability in Ad-Supported Services</i> | 06/2012 |
| Distinguished Lecture, University of Illinois <i>The DISSENT Approach to Anonymous, Interactive Communication on the Internet</i> | 04/2011 |
| Distinguished Lecture, Penn State University <i>The DISSENT Approach to Anonymous, Interactive Communication on the Internet</i> | 12/2010 |
| Keynote Lecture, IncoTrust Workshop <i>Accountability in International Data Exchange</i> | 05/2010 |
| Distinguished Lecture, Northwestern University <i>Approximate Privacy: Foundations and Quantification</i> | 05/2009 |
| Distinguished Lecture, UMASS Amherst <i>Approximate Privacy: Foundations and Quantification</i> | 05/2009 |
| Distinguished Lecture, Boston University <i>Approximate Privacy: Foundations and Quantification</i> | 05/2009 |
| Invited Lecture, NSF NetSE Informational Meeting <i>The SIGACT Community and the NetSE Program: A Match Made in Heaven</i> | 09/2008 |
| Invited Lecture, Women in Theory Symposium, Princeton NJ <i>Modeling and Analysis of Anonymous Communication Systems</i> | 06/2008 |
| Distinguished Lecture, Purdue University <i>Sensitive Information in a Networked World</i> | 01/2008 |
| Keynote Lecture, FuDiCo III, Bertinoro, Italy <i>Theory of Networked Computing?</i> | 06/2007 |
| EECS/CASE Colloquium, Syracuse University <i>Sensitive Information in a Networked World</i> | 11/2006 |
| Computer Science Colloquium, Cornell University: <i>Incentive-Compatible Interdomain Routing</i> | 10/2005 |
| Invited Lecture, NYU Theory Day <i>Progress on the PORTIA Project</i> | 11/2004 |
| Invited Lecture, Radcliffe Institute Symposium on Privacy and Security <i>Control of Personal Information (with P. Swire)</i> | 04/2004 |
| Tutorial Presentation, ACM Symp. on Principles of Distributed Comp. <i>Incentives and Internet Algorithms (with S. Shenker)</i> | 07/2003 |
| Invited Lecture, Stanford Institute for Theoretical Economics <i>Distributed Algorithmic Mechanism Design</i> | 07/2002 |
| Plenary Lecture, Association for Symbolic Logic Annual Meeting <i>Incentive-Compatible Distributed Algorithms</i> | 03/2001 |
| Invited Lecture, Computer Science Building Dedication, Harvard Univ. <i>Research and Development on the Frontiers of E-Commerce</i> | 10/1999 |
| Plenary Lecture, SIAM Annual Meeting <i>Massive Graphs: Algorithms, Applications, and Open Problems</i> | 05/1999 |
| Plenary Lecture, American Mathematical Society Winter Meeting <i>Massive Graphs: Algorithms, Applications, and Open Problems</i> | 01/1999 |

SELECTED TALKS, Continued

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| Invited Lecture, International Congress of Mathematicians <i>Games, Complexity Classes, and Approximation Algorithms</i> | 08/1998 |
| Plenary Lecture, Grace Hopper Celebration of Women in Computing <i>Security and Privacy in the Information Economy</i> | 09/1997 |
| Plenary Lecture, Julia Robinson Celebration of Women in Mathematics <i>Decentralized Trust Management</i> | 07/1996 |
| Invited Speaker, ACM Federated Computing Research Conference, SIAM Symposium on Networks and Information Management <i>Decentralized Trust Management</i> | 05/1996 |
| Distinguished Lecture, Univ. of Wisconsin Computer Sciences Dept. <i>Decentralized Trust Management</i> | 02/1996 |
| Invited Lecture, American Mathematical Society Winter Meeting <i>The Role of Coding Theory in Computational Complexity</i> | 01/1995 |

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